


**INSTITUTE OF BUSINESS ADMINISTRATION, KARACHI**
**APTITUDE TEST RESULT OF BS (COMPUTER SCIENCE / ECONOMICS & MATHEMATICS) PROGRAMS**
**TEST HELD ON SUNDAY JULY 23, 2017**

The following candidates who appeared in the Aptitude test on JULY 23, 2017 for admission in the BS (Economics & Mathematics) program have qualified for interviews. The test was consists of MCQs and had two parts, i.e. Mathematics and English. Only those candidates are qualified for interviews who have cleared the following cut-off scores:

BS (ECONOMICS & MATHEMATICS) PROGRAM			
Cut-Off Scores of IBA test	Math	English	Total
	69	60	171
Cut-off Scores of SAT test	SAT I	SAT I	SAT II
	Math	Eng	Math
	610	600	650

The provisionally successful candidates now appear for interviews according to the following Reporting Time.

INTERVIEWS WILL BE HELD AT ADAMJEE ACADEMIC CENTRE, MAIN CAMPUS IBA, UNIVERSITY ROAD, KARACHI							
S.No.	Seat	Appl.	Name	Father Name	Math	English	Total
	No.	No.		Max. Marks of IBA test	200	184	384
				Max. Marks of SAT test	800	800	800
<b>BSEM - Interviews will be held on JULY 27, 2017 THURSDAY, Reporting Time: 9:30 AM</b>							
1	902	6225	Fatima Sayyidah	Salman Syed Ali	700	680	700
2	903	9462	Michelle Azam Mairaj	Azam Mairaj	740	700	690
3	904	9753	Aman Ahmed Khan	Sarfraz Khan	740	730	800
4	905	5428	Dua Fatima	Mehdi Vazir	800	630	780
5	931	10616	Syed Nasir Haider Zaidi	Syed Naveed Zaidi	33 (ACT)		
6	932	10012	Fatima Sajjad	Farrukh Sajjad	760	700	800
7	939	10997	Syed Askari Raza	Syed Sajid Raza	730	600	740
8	941	9797	Sohaib Ahmed	Nadeem Ahmed	680	600	700
9	943	10297	Yusra Fatima	Choudhary Arshad	29 (ACT)		
10	955	10082	Syedda Sughra Hassan	Syed Hassan	680	690	700
11	3069	4856	Ahmad Hamza	Hafiz M Irshad Mahmood	106	122	228
12	3074	5937	Hamad Tariq Ashraf	Syed Tariq Ashraf	88	115	203
13	3086	9717	Haneeya Aabroo	Fawad Mirza	71	114	185
14	3087	11016	Adil Mateen	Mateen Ur Rehman	85	109	194
15	3090	6528	Muhammad Ahsan Lftikhar	Lftikhar Mohyuddin	71	134	205
16	3209	10557	Muhammad Yousuf Bashir	Younus Bashir	140	147	287
17	3220	10584	Raza Bilal Khan	Mohammad Bilal	75	146	221
18	3223	10351	Tahreem Naveed	Naveed Anwer	114	114	228
19	4503	5549	Syed Adil Ali	Syed Rehan Ali	100	103	203
20	4506	9441	Aimen Lmran	Lmran Zaki	109	99	208
<b>BSEM - Interviews will be held on JULY 27, 2017 THURSDAY, Reporting Time: 10:30 AM</b>							
21	4508	10487	Azim -	Murad -	115	99	214
22	4512	9927	Mustafa Noman	Noman Abbas	102	126	228
23	4522	10655	Muhammad Ahsan	Ljaz Farooq	97	148	245
24	4523	10543	Sufia Mohsin	Syed Mohsin Tabrez	117	133	250
25	4524	10553	Saad Ahmed	Muhammad Ayub	124	141	265
26	4525	10090	Tayab Anwarjaka	Nafees Jaka	125	126	251
27	4527	10656	Arsal Lmran Abbasi	Lmran Abbasi	81	114	195
28	4534	7346	Muhammed Danish	Murtuza Hussain	118	72	190
29	4536	10581	Maroof Mobin	Muhammad Mobin	79	109	188
30	4541	6036	Syed Uzair Shah Bukhari	Shahabshah	121	136	257
31	4547	10609	Safia Riaz	Muhammad Riaz	86	92	178
32	4554	10683	Abubakar Aamir	Aamir Danish	117	109	226
33	4561	9968	Sindhya Muzafarchandio	Muzafarali Chandio	76	125	201
34	4591	9027	Muhammad Waasif Nadeem	Muhammad Nadeem Afzal	109	115	224
35	4610	5813	Muhammad Hamza Zaheer	Muhammad Zaheeruddin	90	143	233
36	4618	7479	Ali Amaan	Shakir Hussain	71	101	172
37	4619	4829	Mohammad Fahad	Shakeel Ahmed	105	94	199
38	4621	9890	Jaweria Asif	Asif Abdus Salam	94	139	233
39	4622	9958	Umaira Khan	Muhammad Shoab Khan	85	118	203
40	4628	10644	Zainab Shoab	Shoab Sattar	96	96	192
<b>BSEM - Interviews will be held on JULY 27, 2017 THURSDAY, Reporting Time: 11:30 AM</b>							
41	4642	10789	Mohammad Shahzain Farid	Kamran Farid	101	103	204
42	4664	5175	Minhel Malik	Humayun Aijaz	98	101	199
43	4665	9875	Abdul Razzaq Jehanzaib	Syed Burhan Shahid	101	93	194
44	4669	10448	Sana Tajamul	Tajamul Taj	101	111	212
45	4671	5045	Muzamil Hassan Shaikh	Abdul Shaikh	111	90	201

46	4675	10372	Humza Qureshi	Manzoor Qureshi	78	105	183
47	4679	10716	Mohammad Hassan Mirza	Mohammad Arshad Mirza	102	103	205
48	4682	9499	Taimur Ali Khan	Azharali Khan	79	117	196
49	4683	10761	Ahsan Rasheed	Umarrashid	88	120	208
50	4701	11017	Shafaq Javed	Jawed Ahmed	105	76	181
51	4705	10838	Syed Muhammad Salman	Syed Shujaat Ali	86	105	191
52	4724	10296	Sarosh Amir	Sarosh Amir	90	109	199
53	4729	11080	Sheikh Zayan Abdul Hakeem	Shaikh Kamran	96	85	181
54	4740	11050	Bareera Baig	Mirza Shakil Baig	97	143	240
55	4743	10540	Naveen Malik	Atta Ur Rehman Malik	95	137	232
56	4748	10204	Wajiha Lnam	Lnam Nabi	78	100	178
57	4772	11048	Muhammad Ibrahim Hanif	Muhammad Hanif Parekh	103	116	219
58	4777	11046	Ammarah Abbas Patel	Muhammad Abbas Patel	84	94	178
59	4802	8137	Aliza Rizvi	Syed Muhammad Zulfiqar	99	114	213
60	4826	7394	Anum Arshad	Muhammad Arshad	102	85	187
<b>BSEM - Interviews will be held on JULY 27, 2017 THURSDAY, Reporting Time: 12:30 PM</b>							
61	4830	11028	Sheryar Sohail	Mohammed Sohail	101	86	187
62	4847	10893	Yamna Lnyat	Lnyat Ullah	116	121	237
63	4867	10053	Sara Rahim	Abdul Rahim Razack	87	123	210
64	4889	11026	Mohammad Rafay Siddiqui	Mazhar Ul Haque Siddiqui	79	106	185
65	4890	9995	Syed Hammad Anwaar	Syed Muhammed Anwaar	105	141	246
66	4898	10735	Fatima Faisal	Faisal Ashraf	99	134	233
67	4899	10660	Lizna Pervez Ali	Pervez Ali	98	84	182
68	4913	10643	Shifa Zubair	Muhammad Zubair	85	86	171
69	4917	10070	Mursaleen Junejo	Ziauddin Junejo	101	106	207
70	4929	10937	Muhammad Sufiyan Munaf	Muhammad Munaf Allana	74	122	196
71	4933	10772	Ramsha Khalid	Khalid Ahmed Chawla	82	114	196
72	4954	11103	Ashhad Asif Jah	Amjad Asif Jah	93	149	242
73	4957	11127	Waleed Junaidy	Farrukh Vigaruddin Junaidy	108	145	253
74	4993	10970	Sidrah Tariq Bux	Tariq Bux	77	136	213
75	5002	10742	Samareen Zubair	Muhammad Zubair	86	132	218
76	5005	10903	Sayed Mujtaba Mahmood Shah	Syed Mahmood Shah	82	143	225
77	5013	10057	Ali Murtaza	Ghulam Nabi	77	96	173
78	5015	11064	Mohammad Arbaz	Fakhruddin Qasim	89	107	196
79	5021	11053	Lra Qazi	Naeemuddin Qazi	78	110	188
80	5028	10603	Haider Ali Mari	Jam Khan Mari	93	84	177
<b>BSEM - Interviews will be held on JULY 27, 2017 THURSDAY, Reporting Time: 2:00 PM</b>							
81	5058	11105	Muhammad Fahad Khan	Moazzam Khan	75	108	183
82	5068	8238	Abdul Qadir Hameed	Mohammad Haneef Hameed	115	114	229
83	5070	10018	Rizwan Feroz Allahwala	Shaikh Fazal Feroz Allahwala	80	97	177
84	5119	10088	Abdullah Saigal	Lmran Saigal	95	107	202
85	5131	9849	Muhammad Aali Ahmed Khan	Khurshid Ahmed Khan	109	118	227
86	5137	9351	Najam Ul Hasan	Muhammad Amin	82	135	217
87	5151	10146	Gunes N^A	Kheemoon N^A	107	78	185
88	5156	10561	Mahrugh Fatima	Ansar Ahmed Flatej	83	103	186
89	5158	9367	Ayesha Khan	Mansoor Ahmed	100	100	200
90	5168	10569	Syed Mohi Uddin	Syed Muneeruddin	92	105	197
91	5169	10233	Barira Akhter	Akhter Aziz	80	99	179
92	5190	10022	Ahmed Ashfaq Fattah	Ashfaq Fattah	137	93	230
93	5191	10327	Ahmed Ahsan	Ahsan Abdulaziz	74	116	190
94	5192	10095	Saud Sohail Meghani	Sohail Meghani	164	157	321
95	5194	10020	Eleshba Lodi	Muhammad Ali Lodi	76	121	197
96	5198	10150	Muhammad Saad	Lftekhar Ahmed	110	80	190
97	5204	10441	Wania Qadri	Mugheera Qadri	69	117	186
98	5214	9502	Najam Us Saqib Khan	Saqib Kamal	109	144	253
99	5223	5592	Zainab Shah Khan	Yousuf Shah Khan	75	169	244
100	5224	10664	Kumail Asgharali	Asgharali	92	124	216
<b>BSEM - Interviews will be held on JULY 27, 2017 THURSDAY, Reporting Time: 3:00 PM</b>							
101	5233	10210	Atiq Ali	Alijan	135	78	213
102	5266	9739	Sameer Paracha	Lmtiaz Paracha	78	120	198
103	5269	6346	Rakhshanda Saleem Panjwani	Saleem Panjwani	130	93	223
104	5281	10478	Basim Aijaz	Aijaz Ali	126	118	244
105	5282	9976	Azwa Akbar Ali Virane	Akbar Ali Virane	119	104	223
106	5287	10666	Sirat Ali Ahmad	Mirazam Khan	86	107	193
107	5303	10208	Ahsan Riaz	Mohammad Riaz	78	95	173
108	5322	10191	Atta Ur Rahman Nfa N^A	Adina Shah	71	108	179
109	5328	10316	Mohdashim Nawaz Khan	Alam Nawaz Khan	88	105	193
110	5357	10645	Zain Shabbir	Muhammad Shabbir	108	90	198
111	5360	10169	Muhammad Najeed	Muhammad Asghar	130	62	192
112	5363	10503	Syeda Lraj Shakir	Shakir Bukhari	87	103	190

113	5369	9957	Ayesha Lmam Murad	Murad Ahmed	86	111	197
114	5394	10659	Sadaf Sadruddin Sutaria	Late Sadruddin Sutaria	76	124	200
115	5411	9560	Ramsha Fatima Hameed	Nasir Hameed	96	81	177
116	5413	9583	Dua Zehra	Ali Akbar	73	140	213
117	5422	9939	Javeria Ganny	Abdul Ganny	76	108	184
118	5434	10228	Nimra Rehman	Shahid Rehman	100	90	190
119	5444	9998	Ghulam Shabir	Nazeer Ahmed	78	123	201
120	5453	10434	Zara Ahmed Kirmani	Moiz Kirmani	85	129	214

**BSEM - Interviews will be held on JULY 27, 2017 THURSDAY, Reporting Time: 4:00 PM**

121	5457	9435	Zahabiya Mazahir Bandukwala	Mazahir Murtaza	74	114	188
122	5470	10003	Bilal Rasheed	Tariq Rasheed	87	117	204
123	5480	10808	Mohammed Hamza Naeem	Muhammad Naeem Qureshi	83	144	227
124	5489	10719	Faryal Zaidi	Javed Lqbal	85	111	196
125	5490	10639	Sadia Hadiqa Nadeem	Nadeem Lslam	80	102	182
126	5496	10270	Muhammad Jibrail	Abdul Hameed	79	100	179
127	5504	9954	Hafsa Raheem	Muhammad Raheemuddin	74	130	204
128	5507	10300	Aatika Ahmed	Ahmed Bilal	84	89	173
129	5520	10089	Muhammad Talha Shahab	Shahab Yakoob	121	151	272
130	5521	10153	Zahida	Qadirali	84	87	171
131	5522	10357	Adnan Abdullah Jimmywala	Abdullah Zakiuddin	69	115	184
132	5545	10414	Amna Anwar	Anwar Ul Haq Chaudhry	76	141	217
133	5547	10477	Muhammad Kumail	Tariq Hussain Hafiz	115	124	239
134	5554	9343	Muhammad Humza	Abdul Faheem	109	112	221
135	5555	10649	Ahmed Sohail Maniya	Sohail Maniya	120	91	211
136	5559	10648	Shaihyar Nisar	Nisarullah Shaikh	86	102	188
137	5565	6964	Ehtisham Ullah Baig	Lkram Ullah Baig	101	71	172
138	5583	9952	Zoha Batool	Qamar Hashim	72	135	207
139	5585	10046	Muhammad Bilal Rashid	Rashid Jamil	72	107	179
140	5587	10860	Mustafa Shah	Zamirshah Rashdi	102	114	216

**BSEM - Interviews will be held on JULY 27, 2017 THURSDAY, Reporting Time: 5:00 PM**

141	5588	9991	Muhammad Mohsin Qasmi	Ejaz Ahmed	86	88	174
142	5598	10595	Muhammad Aneeq Lakhani	Muhammad Nasir Lakhani	120	74	194
143	5605	10631	Ushna Haider	Ghulam Haider Bhatti	93	86	179
144	5626	10847	Waseem Ahmed Umrani	Muhammad Uris	89	122	211
145	5629	10766	Salal Qureshi	Amjad Qureshi	98	94	192
146	5635	10250	Furqan Ahmad	Abdul Hayeetahir	136	99	235
147	5645	10358	Saim Masood	Masood Rizwan	102	74	176
148	5646	10801	Muhammad Kamran Anwar	Anwarahmed	95	160	255
149	5648	10627	Pranav Perwani	Ashok Kumar	76	117	193
150	5656	9906	Hassan Moeed	Abdul Moeed	99	91	190
151	5657	6395	Greeshma Kumari	Ashok Kumar	69	127	196
152	5666	10739	Areesha Sajid	Syed Sajid Ali	73	154	227
153	5671	6688	Warda Tul Minhaj	Syed Minhaj Ur Rab	78	118	196
154	5672	6265	Saad Shehryar	Shehryar Asghar	103	110	213
155	5684	9879	Arshia Khan	Rafat Jamshed	83	129	212
156	5691	10734	Omar Abdullah	Khursheed Abdullah	80	129	209
157	5710	10642	Muhammad Usama Siddiqui	Muhammad Ali Siddiqui	84	89	173
158	5718	10880	Sarwat Binte Sarfaraz	Sarfaraz Ahmed	122	129	251
159	5728	10541	Syed Ahmed Alam	Syed Rehan Alam	84	144	228

**NOTE: The interviews of those out-station applicants mentioned above will be conducted over cell phone during the date & time indicated above.**

The following candidates who appeared in the Aptitude test on JULY 23, 2017 for admission in the BS (Computer Science) program have qualified for interviews. The test was consist of MCQs and had two parts, i.e. Mathematics and English. Only those candidates are qualified for interviews who have cleared the following cut-off scores:

BS (COMPUTER SCIENCE) PROGRAM			
Cut-Off Scores of IBA test	Math	English	Total
	69	60	150
Cut-Off Scores of SAT test	SAT I Math	SAT I Eng	SAT II Math
	610	600	650

The provisionally successful candidates now appear in interview according to the following Reporting Time.

INTERVIEWS WILL BE HELD AT ADAMJEE ACADEMIC CENTRE, MAIN CAMPUS- IBA, UNIVERSITY ROAD, KARACHI							
S.No.	Seat No.	Appl. No.	Name	Father Name	Math	English	Total
				Max. Marks of IBA test	200	184	384

				Max. Marks of SAT test	800	800	800
<b>BSCS - Interviews will be held on JULY 28, 2017 FRIDAY, Reporting Time: 9:30 AM</b>							
1	901	10025	Talha Asif	Asif Abdul Aziz	33 (ACT)		
2	906	6429	Warisha Rehman	Syed Ehteshamur Rahman	640	620	670
3	909	10295	Syed Saad Ali	Syed Hamid Ali	690	640	730
4	910	9974	Muhammad Bilal Bin Khalid	Khalid Pervez	720	610	680
5	911	9464	Dua Jamil	Muhammad Jamil	670	650	680
6	913	9681	Bilal Mohiuddin	Ghous Mohiuddin	770	700	800
7	915	6021	Zohair Abdullah Ghoury	Shahid Ghoury	730	690	770
8	921	9284	Muhammad Ali Khan	Muhammad Tausif Ali Khan	790	600	730
9	922	5598	Anas Imran Tasadduq	Imran Tasadduq	760	710	800
10	925	10635	Osama Younus	Younus Mohiuddin	720	600	730
11	926	6165	Anas Ismail Khan	Ismail Khan	710	720	770
12	927	9729	Sofia Saleem Baloch	Saleem Ahmed Baloch	730	650	750
13	928	10106	Safa Sadiq	Sadiq Hashim	770	660	800
14	930	7497	Dawood Ahmad	Ahmad Hussain	650	610	690
15	934	6300	Mariyam Iftikhar	Muhammad Iftikhar Anjum	680	610	710
16	935	10733	Soha Imran	Muhammad Imran	730	700	650
17	942	10965	Muhammad Rafay Hassan	Shahid Hassan	710	700	770
18	946	11126	Zubair Irfan Khan	Irfan Rasheed Khan	740	680	740
19	947	10946	Abu Zar Zubair	Malik Zubair Humayun	28 (ACT)		
20	3070	10199	Tanveer Haider Haider	Liaqat Ali	101	94	195
<b>BSCS - Interviews will be held on JULY 28, 2017 FRIDAY, Reporting Time: 10:30 AM</b>							
21	3071	10186	Humayun Sajid	Sajid Sajid	93	68	161
22	3080	10140	Murtaza Hussain	Rehan Ali	100	99	199
23	3082	10338	Sohail Anwar	Muhammad Anwar Shah	83	159	242
24	3085	10587	Abdul Moied Siddiquie	Mujeeb Ahmad	76	94	170
25	3091	4957	Qazi Muhammad Hamza	Q Roidad Khan	81	81	162
26	3100	10793	Haris Butt	Nadeem Aqeel Butt	82	95	177
27	3157	9953	Muhammad Fawaz Shafiq	Shafiq Ahmad	72	86	158
28	3214	10576	Aroosa Masroor	Masroor Ahmad	76	83	159
29	3217	10292	Abdul-Ur-Rehman ..	Muhammad Yaqoob Chattha	85	103	188
30	3230	11108	Talha Wali	Waliamad. Akmctd-	94	101	195
31	4501	9488	Muhammad Salman Hanif	Muhammad Hanif Memon	84	106	190
32	4517	9930	Muzamil Shaikh	Waheed Ahmed	70	87	157
33	4519	5267	Neha Ahmed Khan	Rashid Khan	130	121	251
34	4520	7426	Gorav Kumar	Kamlesh -	139	88	227
35	4521	10466	Sohaib Awan	Afzal Awan	82	76	158
36	4540	9934	Syed Maaz Masood	Masood Lqbal	69	87	156
37	4548	6040	Afnan Aghai	Mohammad Saleem Khan	75	127	202
38	4549	4913	Salik Muhammad	Yasin Muhammad	83	81	164
39	4550	7122	Taha Llyas	Muhammad Llyas	95	144	239
40	4568	10657	Muhammad Yahya	Muhammad Ahsan	83	92	175
<b>BSCS - Interviews will be held on JULY 28, 2017 FRIDAY, Reporting Time: 11:30 AM</b>							
41	4570	6396	Maheen Sohail	Sohail Muhammad Ilyas	104	138	242
42	4576	10755	Syed Muhammad Raza Naqvi	Syed Asad Abbas Naqvi	69	119	188
43	4578	8478	Ramsha Muhammad Yaqoob	Muhammad Yaqoob	86	84	170
44	4583	10769	Haaniyah Muhammad Mundia	Haji Muhammad Mundia	101	101	202
45	4602	6205	Mohammad Ahsan Ali	Sheikh Amir Lqbal	105	69	174
46	4611	10031	Jamay Ahmed	Ajaz Kazi	90	119	209
47	4612	10778	Muhammad Zohaib Khan	Wajid Khan	81	89	170
48	4623	10745	Talha Abdul Rehman	Abdul Rehman Saif-Ur-Rehman	83	79	162
49	4644	9824	Sidra Aziz	Aziz Ahmed	152	135	287
50	4649	7105	Rabbia Nasir	Mohammad Nasir	75	116	191
51	4652	10052	Asad Lnam	Lnamullah Memon	83	83	166
52	4655	10920	Salman Farooq	Muhammad Farooq	73	154	227
53	4656	10873	Taimoor Rasool	Ghulam Rasool Rajput	101	104	205
54	4659	10910	Fatima Nadeem	Nadeem Ahmed	85	124	209
55	4661	10897	Nimra Aslam Moten	Aslam Moten	99	124	223
56	4662	10618	Junaid Jabbar	Abdujabbbar	80	96	176
57	4668	10365	Sukaina Hasan	Farrukh Hasan	77	93	170
58	4672	10393	Muhammad Ahsan Rahim	Abdur Rahim	103	139	242
59	4674	10785	Priyanka Ramrakhyani	Ashok Kumar	87	66	153
60	4688	10127	Abdul Moiz Siraj	Siraj Munir	76	129	205
61	4690	10850	Mustafa Karimi	Shabbir Karimi	111	135	246
<b>BSCS - Interviews will be held on JULY 28, 2017 FRIDAY, Reporting Time: 02:30 PM</b>							
62	4693	8125	Fakhruddin Saifuddin Saifuddin	Saifuddin Ahsan Ali	82	68	150
63	4700	10045	Mohammad Zaryab Ali Khan	Mohammad Mahfooz Khan	78	90	168
64	4702	11022	Daniyal Raza Chitalia	Ali Raza	76	76	152

65	4706	9669	Syed Muhammad Haider Abbas	Syed Muhammad Athar Hussain	73	120	193
66	4714	9648	Aksa Mustafa Laghari	Ghulam Mustafa	126	96	222
67	4715	6373	Muhammad Ahmed	M Badar Uz Zaman Siddiqui	111	95	206
68	4716	10866	Mirza Abbas Alijah	Mirza Mohsin Ali Jah	112	104	216
69	4717	10718	Hassan Shakeel	Shakeel Ahmed	77	130	207
70	4730	6339	Abdul Hadi Aijaz	Asif Aijaz	83	89	172
71	4738	6361	Abdul Samad Khan	Saghir Khan	90	135	225
72	4741	11082	Muhammad Sadiq Vayani	Muhammad Ashraf	108	78	186
73	4742	10931	Syed Fakher Abbas	Syed Zafar Abbas	73	119	192
74	4746	11076	Abdul Samad Qureshi	Mohammad Idris Qureshi	70	99	169
75	4747	10980	Syed Mohsin Zaidi	Anwerzaidi	83	87	170
76	4749	10750	Hunain Ghulam Mohiuddin	Ghulam Mohiuddin	79	80	159
77	4753	10855	Maham Tariq	Tariq Mahmood	93	127	220
78	4770	10068	Abdul Moiz Anis	Muhammad Anis Saigal	73	103	176
79	4774	10706	Faheel Ahmed Siddiqui	Fayaz Ahmed Siddiqui	96	115	211
80	4776	9701	Asra Ahmed	Noman Ahmed	78	164	242
81	4791	10886	Ahmed Mustafa	Kamran Ahmed	72	96	168
82	4798	11020	Muhammad Taha Khan	Sharafatullah Khan	109	92	201
83	4803	9679	Syed Mohammad Askari Abidi	Syed Haider Abbas Abidi	85	71	156
<b>BSCS - Interviews will be held on JULY 28, 2017 FRIDAY, Reporting Time: 03:30 PM</b>							
84	4814	10940	Anas Jamil	Jamil Yahya	86	150	236
85	4817	10502	Zuha Altaf Atcha	Muhammad Altaf Abbas Atcha	92	82	174
86	4832	10971	Muhammad Adeel Seraj	Muhammad Seraj Anwar	106	142	248
87	4839	9630	Muhammad Maimoon Khan	Myhammad Zafarahmad Khan	73	141	214
88	4843	10504	Tooba Khalid	Khalid Sohail	85	97	182
89	4845	10998	Abbad Jamil	Syed Muhammad Jamil Ul-Haque	93	174	267
90	4846	11094	Syeda Ailiya Raza	Syed Akhter Raza	103	70	173
91	4869	10895	Naima Fakhri	Syed Sanauddin Fakhri	75	108	183
92	4870	11065	Aeman Nisa Shaikh	Aijaz Shaikh	91	67	158
93	4873	6811	Aiman Siddiqui	Ahmed Mustafa Siddiqui	84	81	165
94	4875	10104	Abdul Rehman Khan Sherwani	Enayatullah Khan Sherwani	85	121	206
95	4876	10858	Aysha Jamal	Abdul Jamal Nasir	72	128	200
96	4878	10918	Muhammad Zohaib Paracha	Shamsuddin Paracha	82	80	162
97	4882	10805	Shahzaib Saleem	Saleem Majeed	88	108	196
98	4893	11027	Affan Ul Ain	Ain Ul Wara	71	94	165
99	4894	9296	Mubashir Zamir	Zamir Uddin	97	138	235
100	4895	7859	Tanzeela Yousuf	Yousufakbar	82	82	164
101	4905	10056	Zain Shahid Hussain	Shahid Hussain	78	76	154
102	4907	7898	Faiz Ur Rehman	Muhammad Aslam	88	140	228
103	4923	10000	Emad Najum Najum	Najum Mahmudi	82	121	203
104	4932	5531	Murad Popattia	Mansoor Popattia	109	84	193
<b>BSCS - Interviews will be held on JULY 28, 2017 FRIDAY, Reporting Time: 04:30 PM</b>							
105	4937	9578	Hurma Mahmood	Mahmood Hayat	79	141	220
106	4942	10842	Hassan Shah Lakhani	Sajid Hussain	76	106	182
107	4953	11146	Huzefa Abu Talib	Abu Talib Khansahab	73	82	155
108	4955	10073	Ahsan Aamir	Hafiz Muhammad Aamir	70	81	151
109	4969	10571	Rafay Mansoor	Mansoor Ahmed	72	105	177
110	4970	9622	Abdul Moiz Asif	Muhammad Asif	88	143	231
111	4971	9977	Bilal Ahsan Salam	Ahsan Salam	120	122	242
112	4973	10916	Shariq Hameed	Abdul Hameed	113	93	206
113	4983	11062	Syed Muhammad Ali	Syed Tayyab	77	104	181
114	4985	10506	Usama Shabbir	Muhammad Shabbir	105	98	203
115	4997	10740	Ram Lal	Pirbhu Lal	103	73	176
116	5025	9484	Bisma Musharraf	Muhammad Musharraf	85	106	191
117	5031	11083	Abdur Rahman Sajid	Sajid Mahmood	93	131	224
118	5039	10589	Kunza Rizvi	Syed Kamran Rizvi	76	111	187
119	5044	10476	Neeraj Nankani	Darshan Lal Nankani	84	118	202
120	5051	11144	Muneeb Khan	Obaid Urrehman	81	108	189
121	5061	10016	Ammar Ahmed Alvi	Rehan Alvi	69	131	200
122	5065	11005	Kelash Kumar	Dileep Kumar	104	69	173
123	5069	11231	Syeda Narjis Batool	Syed Raza Haider	99	98	197
124	5076	6587	Ammar Ahsan Khan	Ahsan Khan	83	122	205
125	5087	10925	Hamza Naqi	Muhammad Naqi	87	86	173
<b>BSCS - Interviews will be held on JULY 29, 2017 SATURDAY, Reporting Time: 09:30 AM</b>							
126	5094	10995	Mohammad Arham Shahzad	Syed Shahzad Hussain	69	91	160
127	5104	7761	Zoya Nadeem	Muhammad Nadeem	81	81	162
128	5122	10497	Aiman Aijaz	Aijaz Sheikh	71	137	208
129	5130	9870	Ajeet Kumar	Ravi Shanker	95	65	160
130	5140	5351	Ali Amir	Naim Ur Rahman Amir	73	95	168
131	5145	10229	Muskan Amjad	Amjad Ali	93	72	165



132	5147	10125	Karan Kumar	Kimat Rai	80	71	151
133	5149	10149	Ma'Aaz Arshad Shaheen	Muhammad Arshad	76	164	240
134	5154	9680	Rasheeda Abbas	Abbas Petiwala	97	148	245
135	5155	10181	Surendar Kumar	Bhag Chand Oad	95	77	172
136	5163	10182	Toto L Va	Kalo Mal	96	71	167
137	5167	10248	Sabahat Kashif	Syed Muhammad Kashif	113	91	204
138	5185	10023	Hammad Hafeez	Khalid Hafeez	110	113	223
139	5189	6529	Marium Jamal	Jamal Flatej Jafri	90	94	184
140	5202	10252	Aliza L Va Rao	Rao Zahid Ali	78	89	167
141	5205	6094	Muhammad Mujtaba Afzal	Muhammad Afzal	91	127	218
142	5221	4832	Muhammad Abubakr	Muhammad Tahir Ahmed	115	169	284
143	5227	9944	Akash Memon	Lrshad Memon	84	89	173
144	5231	9240	Merry Areej	Sajjad Masih	70	85	155
145	5232	10033	Muhammad Saad Bin Khalid	Khalid Waheed	78	78	156
146	5237	10397	Huda Areeba	Muhammad Khalid	69	140	209
<b>BSCS - Interviews will be held on JULY 29, 2017 SATURDAY, Reporting Time: 10:30 AM</b>							
147	5238	10179	Santosh N^A N^A	Raj Kumar	77	83	160
148	5243	9887	Majid Ali Lohar Y	Ali Asghar	87	90	177
149	5249	6647	Saad Ahmed Khan	Saeed Ahmed	95	130	225
150	5258	5287	Misha Hashmi	Jamil Hashmi	78	142	220
151	5261	10539	Rutaba Pervez	Pervez Alam	85	152	237
152	5264	10436	Muhammad Sufyan Baig	Arif Baig	80	87	167
153	5270	8033	Hajra Abdul Hai	Abdul Hai	93	108	201
154	5276	9857	Hammad Javed	Javed Ahmed	92	133	225
155	5278	10637	Shayan Faisal Faisal Suleman	Faisal Suleman	87	67	154
156	5279	9350	Shiza Khalidi	Fazal Khalidi	97	126	223
157	5289	10080	Mariam Haider Zaidi	Faheem Zaidi	75	102	177
158	5291	9833	Muhammad Hamza Javed	Javed Shams	70	119	189
159	5297	6383	Hafiza Laiba Fatima Khan	Hizbullah Khan	88	112	200
160	5300	10116	Aqsa Bukhari	Nawazshah	85	95	180
161	5304	10426	Khizer Ur Rehman	Faiz Rehman	73	154	227
162	5319	10193	Asad Ali	Baz Gul Hayat	72	83	155
163	5321	10178	Muhammad Arslan	Muhammad Lbrahim	101	79	180
164	5323	10623	Vaneeza Rana	Muhammad Afzal	71	81	152
165	5327	10201	Nirdosh Kumar	Narain N^A	104	86	190
166	5334	8496	Saad Raza	Farrukh Raza	122	119	241
167	5339	9981	Syed Huzaifa Ejaz	Syed Muhammad Ejaz	106	146	252
<b>BSCS - Interviews will be held on JULY 29, 2017 SATURDAY, Reporting Time: 11:30 AM</b>							
168	5340	8920	Hamza Khan	Saeed Khan	105	137	242
169	5344	10075	Osama Mohammed Afzal	Mohammed Afzal Lbrahim	86	127	213
170	5345	9704	Abdul Moiz Khan	Abdul Saeed	89	80	169
171	5346	5077	Rabia Memon	Abdul Fatah Memon	85	106	191
172	5361	10223	Zohaib Ali	Dost Muhammad	130	74	204
173	5364	8420	Parkash Nfa N^A	Khamiso Fifa	116	86	202
174	5365	10472	Uzma Aleem	Aleem Shaikh	110	94	204
175	5367	10401	Sana Suman Abbasi	Fazai Muhammad Else Saleem Abba	79	112	191
176	5376	9678	Anzar Hussain	Lsrar Hussain	95	108	203
177	5378	5122	Muhammad Hammad Farooq	Muhammad Farooq Suleman	69	87	156
178	5382	6919	Syed Muhammad Zain Haider	Syed Shakeel Kazim	80	88	168
179	5387	9738	Sumair Rehman Paracha	Lmtiaz Paracha	75	146	221
180	5389	5154	Muhammad Lbrahim	Lqbal Qadir	77	93	170
181	5390	10108	Lraj Anwar	Mohammed Anwar	72	93	165
182	5396	10375	Shamil Hamirani	Nizar Hamirani	82	77	159
183	5402	9485	Shekhar Mukesh	Mukesh Kumar	123	124	247
184	5405	10380	Shaikh Muhammad Haris	Muhammad Saleem	76	92	168
185	5416	10221	Aqib Hussain Shah	Shams Ud Din Shah	113	73	186
186	5420	10674	Omer Abid	Abid Rashid	91	115	206
187	5423	8809	Fatima Altaf Hussain	Altaf Hussain	86	145	231
188	5429	10227	Tahira Batool	Anwar Ali	93	60	153
<b>BSCS - Interviews will be held on JULY 29, 2017 SATURDAY, Reporting Time: 12:30 PM</b>							
189	5449	5562	Mian Muhammad Usman Bashir	Shabbir Ahmed	92	133	225
190	5450	10265	Faryal Taranum	Sakhi Nizar	116	72	188
191	5455	10157	Qurban Al Hasnain Nfa Abro	Ghulam Nabi Abro	89	92	181
192	5462	9920	Syed Talha Abbas	Syed Shauket Abbas	78	102	180
193	5473	10724	Syed Muneeb Ur Rehman Arhum	Syed Shafiq Ur Rehman	74	86	160
194	5477	8049	Muhammad Asad Siddiqi	Muhammad Afzal Siddiqi	93	130	223
195	5484	10704	Muhammad Ahsan Hayat Khan	Muhammad Hayat Khan	76	98	174
196	5493	8860	Wasif Rashid	Rashid-Ud-Din Khawaja	81	138	219
197	5497	10047	Muhammad Shayaan	Noorul Ahad	84	105	189
198	5500	10770	Asifa Niaz	Niaz Mohammad	73	85	158

199	5503	9948	Ali Raza Badami	Asghar Badami	107	84	191
200	5506	6527	Syed Obaidullah Ali Quadri	Syed Anwer Ali Quadri	71	112	183
201	5509	10065	Marium Shah	Shah Tanveer Ul Haq	70	129	199
202	5532	10183	Halima Younas Ali	Younas Ali	94	61	155
203	5534	9667	Muhammad Hassan Ahmed	Tanveer Ahmed	116	155	271
204	5536	10298	Abrar Lqbal	Lqbal Sajid	92	72	164
205	5539	10694	Muhammad Haris Owais Ahmed	Owais Ahmed	125	169	294
206	5550	10314	Mohammad Noman Paracha	Nasir Rashid Peracha	83	83	166
207	5553	9718	Jahanzaib Abro	Abdul Hameed Abro	71	114	185
208	5562	7600	Syed Muhammad Maaz	Syed Asad	79	107	186
209	5563	9635	Shiv Kumar	Kailash Kumar	83	96	179

**BSCS - Interviews will be held on JULY 29, 2017 SATURDAY, Reporting Time: 02:00 PM**

210	5564	10461	Rafay Shoaib	Mohammad Shoaib Khan	80	118	198
211	5566	7736	Muhammad Rafay Bin Marif	Marif Bin Anis	79	110	189
212	5569	10458	Muhammad Shaheer	Muhammad Lmtiaz	70	141	211
213	5570	10269	Ahmed Zرار Khan	Zarwali Khan	97	114	211
214	5576	10128	Shahryar Memon	Mohammad Bachal	119	99	218
215	5589	9608	Hanzala Ejaz	Muhammad Ejaz Khan	82	85	167
216	5600	10885	Affan Nagaria	Ayaz Nagaria	86	80	166
217	5604	9698	Usman Ahmed	Nasir Mehmood	113	116	229
218	5621	10216	Muhammad Haroon Arshad	Muhammad Arshad	79	75	154
219	5622	10469	Lnem Us Salam	Anwarsalam	89	105	194
220	5624	10256	Abdul Wahhab	Abdul Hafeez	89	81	170
221	5630	10274	Muhammad Shahbaz Saleem	Muhammad Saleem Khan	87	89	176
222	5642	10218	Noman Khan	Haider Khan	108	60	168
223	5651	9978	Vishal Malhi	Ram Chand	87	79	166
224	5660	5499	Saadiah -	Abdulqadirvohra	107	144	251
225	5676	10249	Mahad Lftikhar Qazt	Lftikhar Ahmad	108	128	236
226	5683	10348	Muhammad Yasin	Said Wazir	88	78	166
227	5686	10117	Ahmad Bashir	Bashir Ahmad	104	89	193
228	5693	4951	Syed Emad Ul Haq	Syed Anwar Ul Haq	79	94	173
229	5696	9810	Hashaam Masood	Masood Salam	93	77	170
230	5707	10328	Muhammad Kashan Baig	Muhammad Nadeem Baig	78	81	159

**BSCS - Interviews will be held on JULY 29, 2017 SATURDAY, Reporting Time: 03:00 PM**

231	5709	10177	Saadat Shaikh	Nusrat Naseem Shaikh	96	116	212
232	5711	9798	Syed Muhammad Anas	Syed Muhammad Abdul Quddus	95	64	159
233	5719	5173	Anisa Aisha Ahmed	Nadeem Ahmed	70	135	205
234	5727	10524	Mir Wahaj Ul Haq	Mirsadiqi Ali	82	114	196
235	5729	11066	Muhammad Mustafa Zulfiqar	Zulfiqar Muhammad Qureshi	88	119	207
236	5738	10967	Muhammad Laraib Uz Zafar	S Matloob Uz Zafar	92	114	206
237	5745	11069	Zahra Khuwaja	Amin Khuwaja	91	144	235
238	5751	6070	Syed Saadat Raza	Mehdi Raza	94	161	255
239	5758	9573	Hammad Ahmed	Lzhar Ahmed	120	124	244
240	5767	5259	Muhammad Ali Alam	Muhammad Anzar Alam	119	100	219
241	5774	10650	Syed Muhammad Jaffer Abbas	Lftikhar Haider	91	63	154
242	5778	11199	Rizwan Muhammad Syed	Syed Suleman	82	169	251
243	5782	11173	Noorali Bakhshi	Muhammad Siddique Bakhshi	114	120	234
244	5794	10071	Afreen Mushtaq	Mushtaq Ali	91	94	185
245	5797	9676	Muhammad Khizarsabir	Muhammad Sabir Abida Sabir	84	81	165

**NOTE: The interviews of those out-station applicants mentioned above will be conducted over cell phone during the date & time indicated above.**

**INSTRUCTIONS:**

1. Candidates are advised to be present 15 minutes before the reporting time.
2. All successful candidates are required to bring their original mark sheets and certificates of Matriculation, Intermediate, 'O' and 'A' Level at the time of interview. If a candidate has submitted his/her mark sheets to a College/University, a duplicate mark sheet must be obtained.
3. Those candidates who have availed the test exemption from the IBA aptitude test, are required to bring the Official SAT-I & II Test Scores and a photo copy of the same.
4. The students awaiting result must bring their mark sheet of Part-I examination at the time of interview.
5. Applicants are required to bring the Admit Card issued by IBA Karachi.

Prof. Dr. Nasir Touheed  
Coordinator, Testing Service

Dr. Farrukh Iqbal  
Dean & Director, IBA-Karachi



**INSTITUTE OF BUSINESS ADMINISTRATION, KARACHI**  
**APTITUDE TEST RESULT OF BS (COMPUTER SCIENCE / ECONOMICS & MATHEMATICS ) PROGRAMS**  
**TEST HELD ON SUNDAY JULY 23, 2017**

The following candidates who appeared in the Aptitude test on JULY 23, 2017 for admission in the BS (Economics & Mathematics / Computer Science) programs do not qualify for interviews. These candidates do not meet the following cut-off Scores:

S.No.	Seat No.	Appl. No.	Name	Cut-Off Scores			
				Father Name	Math	English	Total
				Max. Marks	200	184	384
1	3061	9623			26	51	77
2	3062	9925			12	36	48
3	3063	9923			21	24	45
4	3064	10267			36	59	95
5	3065	10100			84	49	133
6	3066	7217			49	70	119
7	3067	6646			66	85	151
8	3068	9742			12	99	111
9	3072	10500			25	121	146
10	3073	7196			102	49	151
11	3075	10281			34	40	74
12	3076	10235			22	19	41
13	3077	10107			36	50	86
14	3078	9212			15	154	169
15	3079	5489			28	67	95
16	3081	10156			62	32	94
17	3083	9385			55	104	159
18	3084	6416			36	139	175
19	3088	9746			20	89	109
20	3089	10957			35	117	152
21	3092	9732			60	85	145
22	3093	9633			28	0	28
23	3094	9526			76	23	99
24	3095	9686			11	126	137
25	3096	10672			1	69	70
26	3097	5608			14	119	133
27	3098	6775			11	103	114
28	3099	10730			35	149	184
29	3151	9727			26	84	110
30	3152	10294			42	75	117
31	3153	10492			40	106	146
32	3154	6063			41	42	83
33	3155	5578			33	78	111
34	3156	11226			57	95	152
35	3158	9754			10	88	98
36	3159	10558			16	20	36
37	3160	5981			28	63	91
38	3161	10079			67	55	122
39	3201	5696			41	124	165
40	3202	9353			19	139	158
41	3203	9606			56	35	91
42	3204	9286			50	122	172
43	3206	6344			24	137	161
44	3207	9985			59	105	164
45	3208	9884			59	137	196
46	3210	5016			48	78	126
47	3211	5987			25	78	103
48	3212	4861			58	111	169
49	3213	7917			44	125	169
50	3215	10131			54	63	117
51	3216	11145			12	129	141
52	3218	10829			23	65	88
53	3219	10521			34	133	167
54	3221	9748			58	159	217
55	3222	9664			55	43	98
56	3224	10947			68	110	178



57	3225	9251			42	109	151
58	3226	11135			55	116	171
59	3227	6886			55	104	159
60	3229	7168			23	115	138
61	3231	9933			31	64	95
62	3233	11061			41	90	131
63	3235	7734			35	116	151
64	3236	9693			32	118	150
65	4502	5183			67	102	169
66	4504	9908			30	51	81
67	4505	9854			12	92	104
68	4507	5525			37	84	121
69	4509	10402			36	75	111
70	4510	9455			48	129	177
71	4511	9621			15	67	82
72	4513	5527			42	119	161
73	4514	4851			60	86	146
74	4515	10014			55	99	154
75	4516	6104			1	74	75
76	4518	10567			20	98	118
77	4526	10611			51	111	162
78	4528	9650			25	92	117
79	4529	10501			12	57	69
80	4530	9410			-6	80	74
81	4531	5733			55	104	159
82	4532	7649			20	58	78
83	4533	5639			64	100	164
84	4535	7155			16	67	83
85	4537	5509			-10	24	14
86	4538	10340			54	125	179
87	4539	6784			12	67	79
88	4542	9941			66	71	137
89	4543	5227			21	82	103
90	4544	10058			5	69	74
91	4545	10577			65	55	120
92	4546	10601			38	134	172
93	4551	10427			69	77	146
94	4552	10470			3	110	113
95	4553	6509			55	55	110
96	4555	10288			64	130	194
97	4556	9673			52	83	135
98	4557	5343			59	112	171
99	4558	10731			28	85	113
100	4559	6005			39	131	170
101	4560	5938			50	37	87
102	4562	5939			21	11	32
103	4563	9843			67	135	202
104	4564	9888			67	113	180
105	4565	5206			70	76	146
106	4566	5943			95	51	146
107	4567	5211			38	41	79
108	4569	5944			14	32	46
109	4571	5946			12	37	49
110	4572	10777			54	93	147
111	4573	5942			63	41	104
112	4574	9309			29	49	78
113	4575	5947			24	33	57
114	4577	5950			30	60	90
115	4579	5951			14	18	32
116	4580	7747			49	96	145
117	4581	5952			51	24	75
118	4582	9362			28	29	57
119	4584	9719			5	64	69
120	4585	10516			59	87	146
121	4586	10061			16	82	98
122	4587	6597			10	50	60
123	4588	5954			42	55	97
124	4589	5671			48	48	96
125	4590	6051			6	20	26
126	4592	10054			43	92	135

127	4593	6138			73	54	127
128	4594	10330			37	140	177
129	4595	6139			53	41	94
130	4596	7715			37	77	114
131	4597	5893			67	46	113
132	4598	10364			49	110	159
133	4599	5913			33	43	76
134	4600	10865			31	115	146
135	4601	5910			77	62	139
136	4603	5338			35	54	89
137	4604	10641			43	37	80
138	4605	5927			35	34	69
139	4606	10459			27	49	76
140	4607	6055			66	27	93
141	4608	9744			33	87	120
142	4609	5928			68	19	87
143	4613	6935			63	111	174
144	4614	10406			18	104	122
145	4615	7625			24	149	173
146	4616	9656			46	159	205
147	4617	9921			1	67	68
148	4620	7147			40	114	154
149	4624	9942			49	52	101
150	4625	5408			29	146	175
151	4626	9785			33	89	122
152	4627	10892			67	86	153
153	4629	9408			17	23	40
154	4630	10344			60	61	121
155	4631	10343			43	94	137
156	4632	5776			-2	20	18
157	4633	10342			89	55	144
158	4634	10803			13	50	63
159	4635	10350			54	17	71
160	4636	10286			22	94	116
161	4637	7916			44	55	99
162	4638	10859			15	131	146
163	4639	10612			62	160	222
164	4640	10442			91	45	136
165	4641	9641			62	98	160
166	4643	10352			62	81	143
167	4645	5867			70	71	141
168	4646	9116			26	61	87
169	4647	10822			15	70	85
170	4648	5902			40	30	70
171	4650	6295			49	120	169
172	4651	10604			26	133	159
173	4653	9885			25	42	67
174	4654	5732			31	39	70
175	4657	7171			54	82	136
176	4658	10924			28	53	81
177	4660	10457			36	96	132
178	4663	6445			65	139	204
179	4666	5580			55	97	152
180	4667	10009			46	97	143
181	4670	10559			58	117	175
182	4673	7507			17	130	147
183	4676	9858			70	74	144
184	4677	10959			1	83	84
185	4678	10827			36	79	115
186	4680	10981			33	127	160
187	4681	9776			15	71	86
188	4684	10945			27	118	145
189	4685	10723			39	120	159
190	4686	10986			27	154	181
191	4687	9988			39	84	123
192	4689	8442			8	54	62
193	4691	10653			34	87	121
194	4692	10665			68	114	182
195	4694	10754			60	115	175
196	4695	10960			60	94	154

197	4696	10938			56	80	136
198	4697	10729			49	28	77
199	4698	11044			24	72	96
200	4699	10546			8	100	108
201	4703	10488			2	73	75
202	4704	10837			38	59	97
203	4707	10113			42	51	93
204	4708	10679			38	134	172
205	4709	9551			31	45	76
206	4710	10049			16	62	78
207	4711	10746			55	128	183
208	4712	10708			49	139	188
209	4713	6808			26	63	89
210	4718	10791			-4	92	88
211	4719	10523			68	114	182
212	4720	10319			41	78	119
213	4721	10654			39	70	109
214	4722	10556			41	119	160
215	4723	10978			16	122	138
216	4725	7519			24	96	120
217	4726	10983			19	57	76
218	4727	10908			43	59	102
219	4728	11059			45	105	150
220	4731	11078			25	51	76
221	4732	10830			59	103	162
222	4733	10787			60	105	165
223	4734	9403			31	42	73
224	4735	6066			54	131	185
225	4736	9433			-2	14	12
226	4737	9765			45	127	172
227	4739	11043			27	127	154
228	4744	10936			38	56	94
229	4745	5708			14	101	115
230	4750	10771			72	72	144
231	4751	10029			43	86	129
232	4752	9733			40	133	173
233	4754	9728			1	84	85
234	4755	10933			3	70	73
235	4756	10969			25	97	122
236	4757	10638			60	73	133
237	4758	10994			57	97	154
238	4759	10926			67	139	206
239	4760	9750			35	58	93
240	4761	9632			31	61	92
241	4762	10608			14	53	67
242	4763	9811			15	64	79
243	4764	11057			57	131	188
244	4765	10982			31	90	121
245	4766	10987			54	74	128
246	4767	10748			23	46	69
247	4768	10617			46	83	129
248	4769	11031			66	120	186
249	4771	8053			29	77	106
250	4773	5350			15	88	103
251	4775	10917			13	20	33
252	4778	9710			18	47	65
253	4779	10713			22	145	167
254	4780	10681			17	53	70
255	4781	9195			25	105	130
256	4782	10213			10	50	60
257	4783	10630			70	71	141
258	4784	9788			30	81	111
259	4785	10953			-20	13	-7
260	4786	10849			59	44	103
261	4787	9480			8	80	88
262	4788	9966			66	107	173
263	4789	10919			58	90	148
264	4790	11079			29	149	178
265	4792	10989			51	76	127
266	4793	5511			16	68	84

267	4794	10796			9	77	86
268	4795	10870			54	61	115
269	4796	10598			97	54	151
270	4797	10773			35	98	133
271	4800	10826			42	42	84
272	4801	9605			7	99	106
273	4805	10992			43	56	99
274	4806	11038			50	52	102
275	4807	10794			-2	35	33
276	4808	11084			44	125	169
277	4809	9513			68	117	185
278	4810	10776			16	51	67
279	4811	10890			11	51	62
280	4812	10689			32	53	85
281	4813	10863			40	12	52
282	4815	10991			67	118	185
283	4816	6268			47	110	157
284	4819	10814			51	122	173
285	4820	10790			37	161	198
286	4821	4854			26	48	74
287	4822	10834			62	93	155
288	4823	10952			48	81	129
289	4824	10632			18	60	78
290	4825	10403			53	101	154
291	4827	8432			50	131	181
292	4828	6153			63	56	119
293	4829	11047			47	112	159
294	4831	9670			40	83	123
295	4833	11086			37	129	166
296	4834	11055			23	48	71
297	4835	10081			49	112	161
298	4836	11036			19	64	83
299	4837	10839			59	0	59
300	4838	10749			9	84	93
301	4840	11085			66	69	135
302	4841	11012			28	115	143
303	4842	10019			42	143	185
304	4844	11081			17	84	101
305	4849	10425			53	134	187
306	4850	10568			35	76	111
307	4851	10034			45	75	120
308	4852	10942			40	29	69
309	4853	11128			48	77	125
310	4854	9663			46	35	81
311	4856	9402			66	78	144
312	4857	11101			50	95	145
313	4858	10921			52	142	194
314	4859	11030			59	115	174
315	4860	10799			19	110	129
316	4861	10381			60	99	159
317	4862	10597			38	85	123
318	4863	10591			50	89	139
319	4864	11117			66	35	101
320	4865	11121			58	174	232
321	4866	10629			45	29	74
322	4868	11095			7	118	125
323	4871	10930			55	128	183
324	4872	10956			44	69	113
325	4874	11102			55	93	148
326	4877	5836			30	0	30
327	4879	10973			27	96	123
328	4880	9168			19	50	69
329	4881	10759			56	139	195
330	4883	9427			16	78	94
331	4884	11115			53	85	138
332	4885	10121			76	61	137
333	4886	9220			57	31	88
334	4887	11114			10	68	78
335	4888	10732			58	111	169
336	4891	11032			44	68	112

337	4896	10693			41	38	79
338	4897	11075			9	70	79
339	4900	10797			60	53	113
340	4901	10566			16	54	70
341	4902	8370			66	136	202
342	4903	11134			65	110	175
343	4904	10846			36	80	116
344	4906	10996			36	89	125
345	4908	6992			37	110	147
346	4909	8585			38	133	171
347	4910	6098			-5	6	1
348	4911	9282			18	88	106
349	4912	10550			21	105	126
350	4914	10756			64	78	142
351	4915	10590			49	100	149
352	4916	11111			66	109	175
353	4918	10962			8	75	83
354	4919	10405			43	115	158
355	4920	11077			31	80	111
356	4921	7694			42	77	119
357	4922	11004			35	107	142
358	4924	10912			10	72	82
359	4925	9972			48	160	208
360	4927	10898			47	123	170
361	4928	11125			52	55	107
362	4930	10887			51	46	97
363	4931	10370			56	114	170
364	4934	9448			41	161	202
365	4935	10276			31	35	66
366	4936	11113			44	73	117
367	4938	9495			48	101	149
368	4939	11003			41	122	163
369	4941	11104			62	102	164
370	4943	10673			21	70	91
371	4944	10911			66	104	170
372	4945	10932			10	106	116
373	4946	10574			58	98	156
374	4947	11153			58	104	162
375	4948	11149			44	107	151
376	4949	10993			42	75	117
377	4950	11124			25	56	81
378	4951	9932			17	70	87
379	4952	11007			-9	79	70
380	4956	11051			50	59	109
381	4958	9620			35	67	102
382	4959	10868			60	111	171
383	4960	11160			51	66	117
384	4961	10084			49	91	140
385	4962	9559			35	55	90
386	4963	10804			49	70	119
387	4964	11137			6	30	36
388	4965	7642			62	99	161
389	4966	11158			54	93	147
390	4967	10592			66	154	220
391	4968	6353			21	113	134
392	4972	11133			30	93	123
393	4974	10394			30	64	94
394	4975	10857			56	94	150
395	4976	8937			46	117	163
396	4977	10505			28	70	98
397	4978	11123			58	57	115
398	4979	11110			28	39	67
399	4980	11112			25	70	95
400	4981	11161			67	100	167
401	4982	9590			24	118	142
402	4984	10941			35	129	164
403	4986	11166			44	95	139
404	4987	9672			40	151	191
405	4988	9822			23	105	128
406	4989	11118			13	136	149

407	4990	11002			30	34	64
408	4991	11162			16	81	97
409	4992	10431			-8	83	75
410	4994	9855			54	92	146
411	4995	11139			52	74	126
412	4996	10904			5	78	83
413	4998	10610			10	26	36
414	5000	11049			54	116	170
415	5001	11140			34	124	158
416	5003	10823			32	59	91
417	5004	9763			26	80	106
418	5006	5702			28	81	109
419	5007	11163			68	87	155
420	5008	11011			24	169	193
421	5009	11151			64	84	148
422	5010	6174			58	96	154
423	5011	10840			56	123	179
424	5012	9651			18	81	99
425	5014	10835			61	100	161
426	5016	8085			40	74	114
427	5017	9593			55	118	173
428	5018	9407			34	86	120
429	5019	10519			32	32	64
430	5020	10817			50	116	166
431	5022	10483			26	103	129
432	5023	10484			12	31	43
433	5024	11130			38	88	126
434	5026	5579			30	124	154
435	5027	8250			-5	104	99
436	5030	9868			40	124	164
437	5032	5399			32	135	167
438	5033	10366			9	-6	3
439	5034	10883			68	133	201
440	5035	9931			85	46	131
441	5036	10675			47	142	189
442	5037	10323			62	111	173
443	5038	10701			17	7	24
444	5040	10389			58	74	132
445	5041	11099			14	130	144
446	5042	10875			52	145	197
447	5043	10677			28	110	138
448	5045	7503			3	43	46
449	5046	11147			5	59	64
450	5047	9691			-3	67	64
451	5048	10060			49	95	144
452	5049	11206			64	119	183
453	5050	11221			55	140	195
454	5052	5803			4	35	39
455	5053	10913			65	94	159
456	5054	11122			48	53	101
457	5055	9595			51	86	137
458	5056	9244			27	54	81
459	5057	11074			6	-1	5
460	5059	9909			52	138	190
461	5060	10404			10	57	67
462	5062	11054			62	94	156
463	5063	9580			41	79	120
464	5064	11223			23	31	54
465	5067	5685			25	48	73
466	5071	10283			20	14	34
467	5072	11212			64	125	189
468	5073	10322			31	145	176
469	5074	9565			1	88	89
470	5075	11225			36	103	139
471	5077	6588			62	114	176
472	5078	9660			21	113	134
473	5079	11230			17	9	26
474	5080	11194			66	82	148
475	5081	11174			31	66	97
476	5082	10807			44	70	114



477	5083	9490			-7	92	85
478	5084	10907			41	51	92
479	5085	10285			37	10	47
480	5086	9467			-1	65	64
481	5088	9570			26	97	123
482	5089	9589			12	72	84
483	5090	11024			62	154	216
484	5091	7524			29	40	69
485	5092	9805			37	39	76
486	5093	6630			15	37	52
487	5095	9198			38	137	175
488	5096	7737			54	78	132
489	5097	5305			67	120	187
490	5098	10676			67	87	154
491	5099	5720			62	139	201
492	5100	11168			16	87	103
493	5101	8136			42	118	160
494	5102	9791			30	109	139
495	5103	9445			0	49	49
496	5105	6133			24	111	135
497	5106	5336			16	147	163
498	5107	9871			37	169	206
499	5108	9716			28	86	114
500	5109	9505			44	73	117
501	5110	6226			48	86	134
502	5111	5086			32	49	81
503	5112	9979			12	38	50
504	5113	7169			51	144	195
505	5114	9819			40	139	179
506	5115	9493			65	117	182
507	5116	7129			26	73	99
508	5117	9512			42	52	94
509	5118	9781			21	65	86
510	5120	10378			51	145	196
511	5121	5882			69	46	115
512	5123	5538			14	70	84
513	5124	10489			57	46	103
514	5125	10189			65	62	127
515	5126	10037			32	109	141
516	5127	10151			68	73	141
517	5128	10245			69	43	112
518	5129	9508			34	84	118
519	5132	9852			101	59	160
520	5133	10144			48	52	100
521	5134	10240			87	57	144
522	5135	5759			42	133	175
523	5136	10429			11	69	80
524	5138	6518			46	69	115
525	5139	10143			46	49	95
526	5141	10175			48	33	81
527	5142	9820			16	66	82
528	5143	10325			17	80	97
529	5144	9666			20	114	134
530	5146	10456			62	108	170
531	5148	10114			52	56	108
532	5150	9280			40	71	111
533	5152	9898			40	85	125
534	5153	10593			25	79	104
535	5159	10529			15	31	46
536	5160	10633			60	108	168
537	5162	10289			51	55	106
538	5164	10078			40	85	125
539	5165	10137			73	75	148
540	5166	10093			60	114	174
541	5170	9158			-6	35	29
542	5171	10626			59	92	151
543	5172	10207			80	59	139
544	5173	5147			56	110	166
545	5174	9639			51	76	127
546	5175	10124			80	66	146

547	5176	9376			20	130	150
548	5177	6746			3	105	108
549	5178	10254			67	57	124
550	5179	9412			43	48	91
551	5180	10166			50	89	139
552	5181	9937			22	91	113
553	5182	10086			-5	44	39
554	5183	6524			16	70	86
555	5184	5249			62	98	160
556	5186	9828			23	70	93
557	5187	9616			41	118	159
558	5188	5073			67	124	191
559	5193	10217			39	57	96
560	5195	10262			58	44	102
561	5196	10187			19	38	57
562	5197	10268			55	4	59
563	5199	10170			55	74	129
564	5200	10419			41	84	125
565	5201	7440			29	83	112
566	5203	6678			58	63	121
567	5206	9913			49	88	137
568	5207	10651			64	66	130
569	5208	10211			66	86	152
570	5209	10273			85	29	114
571	5210	5453			25	21	46
572	5211	9241			64	87	151
573	5212	9378			59	86	145
574	5213	6821			17	42	59
575	5215	9880			60	159	219
576	5216	9624			12	30	42
577	5217	10306			48	129	177
578	5218	4869			61	143	204
579	5219	9807			23	46	69
580	5220	8887			10	56	66
581	5222	9519			47	82	129
582	5225	10209			70	63	133
583	5226	10684			12	67	79
584	5228	9950			17	132	149
585	5229	10332			-1	91	90
586	5230	4900			49	70	119
587	5234	10171			79	63	142
588	5235	10123			32	76	108
589	5236	9919			35	131	166
590	5239	7090			-4	58	54
591	5240	10572			43	97	140
592	5241	10239			39	19	58
593	5242	10562			44	160	204
594	5244	6974			52	43	95
595	5245	9562			14	92	106
596	5246	10119			54	68	122
597	5247	6936			25	58	83
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599	5250	10266			59	46	105
600	5251	9507			31	90	121
601	5252	9425			62	111	173
602	5253	9649			66	86	152
603	5254	9320			25	74	99
604	5255	10263			65	39	104
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616	5275	6532			51	96	147

617	5277	10465			48	121	169
618	5280	10234			11	29	40
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620	5284	7458			43	114	157
621	5285	4901			66	126	192
622	5286	10490			36	133	169
623	5288	10244			21	18	39
624	5290	10703			53	121	174
625	5292	7233			4	39	43
626	5293	10620			16	20	36
627	5294	9924			57	122	179
628	5295	10271			6	41	47
629	5296	10241			16	35	51
630	5298	10138			50	46	96
631	5299	10145			57	52	109
632	5301	10346			64	120	184
633	5302	10161			0	36	36
634	5305	10349			52	82	134
635	5306	8106			46	140	186
636	5307	10246			55	39	94
637	5308	10308			56	71	127
638	5309	10293			60	64	124
639	5310	9478			-1	59	58
640	5311	10147			15	64	79
641	5312	10132			64	19	83
642	5313	10163			117	58	175
643	5314	5331			42	90	132
644	5315	10148			84	50	134
645	5316	9637			41	45	86
646	5317	10155			50	76	126
647	5318	10369			2	36	38
648	5320	10764			9	42	51
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650	5325	9516			23	73	96
651	5326	9306			68	110	178
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654	5331	10238			45	8	53
655	5332	9713			64	127	191
656	5333	9938			52	87	139
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658	5336	6954			42	32	74
659	5338	10711			10	124	134
660	5341	10290			37	72	109
661	5342	9806			42	72	114
662	5343	10820			53	120	173
663	5348	10085			14	50	64
664	5349	9946			73	68	141
665	5350	5155			36	33	69
666	5351	10474			40	105	145
667	5352	9522			22	104	126
668	5353	10536			23	139	162
669	5354	10377			65	109	174
670	5355	7863			-3	43	40
671	5356	8383			12	43	55
672	5358	10384			81	66	147
673	5359	9642			43	56	99
674	5362	10392			51	90	141
675	5366	10219			77	70	147
676	5368	10004			43	117	160
677	5370	10752			50	23	73
678	5371	10528			47	44	91
679	5372	10413			33	84	117
680	5373	9552			27	45	72
681	5374	10387			40	72	112
682	5375	10710			35	60	95
683	5377	10026			73	76	149
684	5379	10135			52	29	81
685	5380	10162			80	49	129
686	5381	10658			22	41	63

687	5383	5127			8	100	108
688	5385	9424			0	46	46
689	5386	10272			12	22	34
690	5388	6237			29	44	73
691	5391	4938			16	119	135
692	5392	10678			35	91	126
693	5393	10359			51	86	137
694	5395	9577			8	112	120
695	5397	10196			48	66	114
696	5398	8221			43	103	146
697	5399	6328			43	57	100
698	5400	6350			23	85	108
699	5401	10222			39	60	99
700	5403	10180			50	24	74
701	5404	5314			19	97	116
702	5406	10224			82	57	139
703	5407	10495			12	114	126
704	5408	4947			10	71	81
705	5409	10301			41	114	155
706	5410	10159			37	50	87
707	5412	9872			45	126	171
708	5414	10226			39	130	169
709	5415	9836			50	30	80
710	5417	9683			4	70	74
711	5418	10613			50	164	214
712	5419	5556			43	86	129
713	5421	8964			28	46	74
714	5424	5865			16	78	94
715	5425	6693			8	93	101
716	5426	9545			69	80	149
717	5428	5690			65	74	139
718	5430	10032			17	33	50
719	5431	6889			22	76	98
720	5432	7216			44	90	134
721	5433	7186			47	112	159
722	5435	6516			62	165	227
723	5436	5594			33	71	104
724	5437	9689			46	71	117
725	5438	10167			67	97	164
726	5439	8761			57	57	114
727	5440	7373			49	77	126
728	5441	10198			12	27	39
729	5442	10878			57	121	178
730	5443	10129			45	76	121
731	5445	10614			2	28	30
732	5446	10408			33	135	168
733	5447	10253			35	86	121
734	5448	10511			29	74	103
735	5451	10059			23	84	107
736	5452	6438			56	105	161
737	5454	10424			24	57	81
738	5456	9338			60	69	129
739	5458	10040			53	68	121
740	5459	10824			65	113	178
741	5460	5103			25	140	165
742	5461	10243			45	114	159
743	5463	6708			54	91	145
744	5464	10549			68	90	158
745	5465	10783			60	56	116
746	5466	10872			20	46	66
747	5467	10242			43	36	79
748	5469	9571			55	100	155
749	5471	5197			76	58	134
750	5472	5958			62	91	153
751	5474	10496			59	90	149
752	5475	8154			60	114	174
753	5476	5799			4	60	64
754	5478	10821			66	117	183
755	5479	9956			40	99	139
756	5481	4865			37	93	130

757	5482	10836			43	26	69
758	5483	10491			50	55	105
759	5485	10087			56	104	160
760	5486	10103			12	97	109
761	5487	10410			16	50	66
762	5488	10310			26	36	62
763	5491	6075			50	80	130
764	5492	9943			46	91	137
765	5494	10547			61	121	182
766	5495	10518			60	85	145
767	5498	8186			47	90	137
768	5499	7100			60	146	206
769	5501	10287			75	70	145
770	5502	10220			74	63	137
771	5505	10173			11	67	78
772	5508	10190			35	24	59
773	5510	10737			63	123	186
774	5511	10277			25	69	94
775	5512	10118			81	20	101
776	5513	9221			31	59	90
777	5514	9459			42	82	124
778	5515	5422			60	137	197
779	5516	10767			23	76	99
780	5518	9337			20	61	81
781	5519	10194			20	60	80
782	5523	10538			58	91	149
783	5524	9720			52	101	153
784	5525	5009			-8	9	1
785	5526	9936			43	134	177
786	5527	10815			11	81	92
787	5528	10869			58	86	144
788	5529	10188			34	61	95
789	5530	10192			14	27	41
790	5531	10160			29	22	51
791	5533	10184			34	85	119
792	5535	10261			42	83	125
793	5537	10133			63	102	165
794	5538	10158			71	34	105
795	5540	9916			8	32	40
796	5541	10122			61	68	129
797	5542	10709			20	79	99
798	5543	10324			25	55	80
799	5544	10154			64	63	127
800	5546	10232			6	43	49
801	5548	10741			57	99	156
802	5549	10195			61	44	105
803	5551	10206			83	51	134
804	5552	10725			25	110	135
805	5556	6921			37	73	110
806	5557	10134			49	49	98
807	5558	9947			88	61	149
808	5560	10386			55	48	103
809	5561	10337			31	117	148
810	5567	10215			54	107	161
811	5568	5462			39	84	123
812	5571	8976			45	164	209
813	5572	10479			32	68	100
814	5573	5055			53	90	143
815	5574	10705			56	154	210
816	5575	9999			58	112	170
817	5577	10775			23	60	83
818	5578	6489			61	63	124
819	5579	10258			53	65	118
820	5580	10275			33	73	106
821	5581	10784			43	97	140
822	5582	10625			64	106	170
823	5584	10582			56	89	145
824	5586	10042			63	83	146
825	5590	10257			65	72	137
826	5591	10367			91	56	147

827	5592	9682			42	75	117
828	5593	10852			0	94	94
829	5595	10139			38	68	106
830	5596	5388			22	84	106
831	5597	5005			5	74	79
832	5599	6611			41	104	145
833	5601	6765			38	110	148
834	5602	10412			-5	89	84
835	5603	9390			53	41	94
836	5606	9332			40	34	74
837	5607	9697			52	76	128
838	5608	6474			60	152	212
839	5609	9576			65	29	94
840	5610	9475			54	53	107
841	5611	9294			56	70	126
842	5612	9967			50	57	107
843	5613	10867			50	131	181
844	5614	10430			49	90	139
845	5615	10585			43	71	114
846	5616	10038			55	112	167
847	5617	10313			70	65	135
848	5618	10864			54	48	102
849	5619	10420			45	61	106
850	5620	5321			66	79	145
851	5623	4918			43	104	147
852	5625	10440			15	112	127
853	5627	10141			15	12	27
854	5628	7756			6	114	120
855	5631	10452			69	66	135
856	5632	9524			29	130	159
857	5633	9436			-4	62	58
858	5634	10066			44	92	136
859	5636	10035			50	119	169
860	5637	8583			1	75	76
861	5638	10798			11	87	98
862	5639	9061			39	48	87
863	5640	10615			60	138	198
864	5641	10467			61	75	136
865	5643	9971			52	106	158
866	5644	10214			78	41	119
867	5647	10174			1	98	99
868	5649	6217			23	49	72
869	5650	9808			11	45	56
870	5652	10237			-2	46	44
871	5653	10212			43	48	91
872	5654	9779			46	45	91
873	5655	5118			70	65	135
874	5658	10811			60	119	179
875	5659	9764			59	119	178
876	5661	10800			46	67	113
877	5662	4840			45	89	134
878	5663	10203			77	70	147
879	5664	9574			65	29	94
880	5665	10200			68	64	132
881	5667	10544			58	123	181
882	5668	9823			59	43	102
883	5669	10906			53	75	128
884	5670	9940			22	92	114
885	5673	10361			37	48	85
886	5674	9339			20	144	164
887	5675	10485			8	109	117
888	5677	9628			30	133	163
889	5678	10786			18	29	47
890	5679	10152			17	31	48
891	5680	7788			32	87	119
892	5681	6782			31	105	136
893	5682	10172			38	90	128
894	5685	10744			64	111	175
895	5687	10902			58	118	176
896	5688	10816			8	23	31



897	5689	10142			37	52	89
898	5690	10315			62	59	121
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900	5694	5552			35	95	130
901	5695	10185			21	59	80
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903	5698	10720			41	85	126
904	5699	9346			30	29	59
905	5700	9613			62	113	175
906	5701	10663			3	57	60
907	5703	10975			55	124	179
908	5704	10225			47	65	112
909	5705	6469			68	101	169
910	5706	10948			27	64	91
911	5708	9886			54	73	127
912	5712	6915			57	165	222
913	5713	10311			67	50	117
914	5714	10809			73	46	119
915	5715	9675			9	60	69
916	5716	9611			30	34	64
917	5717	9527			60	114	174
918	5720	10781			66	23	89
919	5721	10098			93	54	147
920	5722	10600			4	62	66
921	5723	8559			25	109	134
922	5724	10120			32	88	120
923	5725	10743			8	68	76
924	5726	10700			37	102	139
925	5730	10423			48	97	145
926	5731	10738			38	105	143
927	5732	10765			63	103	166
928	5733	10011			42	103	145
929	5734	10555			31	90	121
930	5735	10715			78	31	109
931	5736	9962			58	72	130
932	5737	7540			38	71	109
933	5739	9479			58	87	145
934	5740	11018			49	55	104
935	5741	5171			31	96	127
936	5742	10891			43	80	123
937	5743	9331			30	67	97
938	5744	10531			25	17	42
939	5746	10914			60	111	171
940	5747	10486			64	72	136
941	5748	10570			80	60	140
942	5749	10888			67	55	122
943	5750	11013			52	73	125
944	5752	10621			39	66	105
945	5753	10901			61	79	140
946	5754	10580			46	144	190
947	5755	10522			50	164	214
948	5756	10622			26	24	50
949	5757	10356			51	116	167
950	5759	6356			25	59	84
951	5760	10692			-4	67	63
952	5761	9814			39	114	153
953	5762	9603			65	122	187
954	5763	10096			6	83	89
955	5764	9770			11	66	77
956	5765	11211			67	149	216
957	5766	6338			2	14	16
958	5768	10955			63	121	184
959	5769	11045			10	39	49
960	5770	5683			15	150	165
961	5771	11252			49	122	171
962	5772	10395			13	61	74
963	5773	9579			23	119	142
964	5775	10984			6	61	67
965	5776	7621			65	77	142
966	5777	11239			31	38	69

967	5779	7977			48	71	119
968	5780	10833			22	103	125
969	5781	10806			46	109	155
970	5783	11254			63	119	182
971	5784	9761			-5	74	69
972	5785	11251			1	58	59
973	5786	11266			42	87	129
974	5787	10594			53	84	137
975	5788	11261			26	68	94
976	5789	5443			38	56	94
977	5790	10634			42	72	114
978	5791	11037			29	70	99
979	5792	11167			47	12	59
980	5793	10015			2	128	130
981	5795	11165			22	135	157
982	5796	10168			8	9	17
983	5799	9615			7	22	29
984	5800	5737			59	69	128
985	5801	10894			-6	21	15
986	5802	9497			10	63	73
987	5803	9477			5	19	24

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