

Input	6	15	170	4032	52428	751550	1345601	12345678	123456789	2147483647
Output	3	1	34	37	985	1304	1754	11869	51639	1
Time(ms)	85	8	11	10	10	10	10	10	8	10
Baseline Output: 0	3	1	34	37	985	1304	1754	11869	51639	1
Baseline Time: 0	2	2	2	2	2	2	2	2	2	2
Baseline Output: 1	3	1	34	37	985	1304	1754	11869	51639	1
Baseline Time: 1	2	2	2	2	2	2	2	2	2	2
Baseline Output: 2	3	1	34	37	985	1304	1754	11869	51639	timeout
Baseline Time: 2	2	2	2	2	5	43	75	669	6736	timeout