size = 1 million	size = 10 million
k = 100, 000	**k = 1 million**

1B

1718880412

588.363 seconds

6A

1718880412	1717894229
0.575 seconds	8.188 seconds

6B

1718880412	1717894229
0.304 seconds	7.313 seconds

6B is the fastest according to one execution. 1B is incredibly slow.