

The results for part 1, input size = 200,000, are given below:

Run #	Time Taken [seconds]
1	25.967
2	25.928
3	25.882
4	25.817
5	25.890
6	25.836
7	25.886
8	25.945
9	25.845
10	25.785

The results for part 2, input size = 400,000, are given below:

Run #	Time Taken [seconds]
1	103.846
2	103.970
3	102.118
4	101.391
5	101.138
6	101.203
7	101.125
8	101.361
9	101.549
10	101.208
Avg	101.891