1(a): In code

1(b): In code

1(c): It took 1057400 nanosecond.

1(d): It took 9464900 nanosecond. It is longer than c part.

2(a): In code

2(b): In code

2(c): It took 3424800 nanosecond. It is longer than 1c part

2(d): It took 96837900 nanosecond. It is longer than 2c part