Measuring times

1) 292.471.158,546 approx

2) The time that passed is less than 1 ms

3) 140000000

Grow of the problem size

1) It increases exponentially

2) No, since the complexity is quadratic, it increases faster

3)

Time measurements [ FillIn() – Sum() – Maximum() ]

Time measurements [ SumDiagonal1() SumDiagonal2()]

Java vs Python

1) Because Java is a compiled language, thus is faster than a interpreted language as python.

2) Java can run more times the loop at each program.