

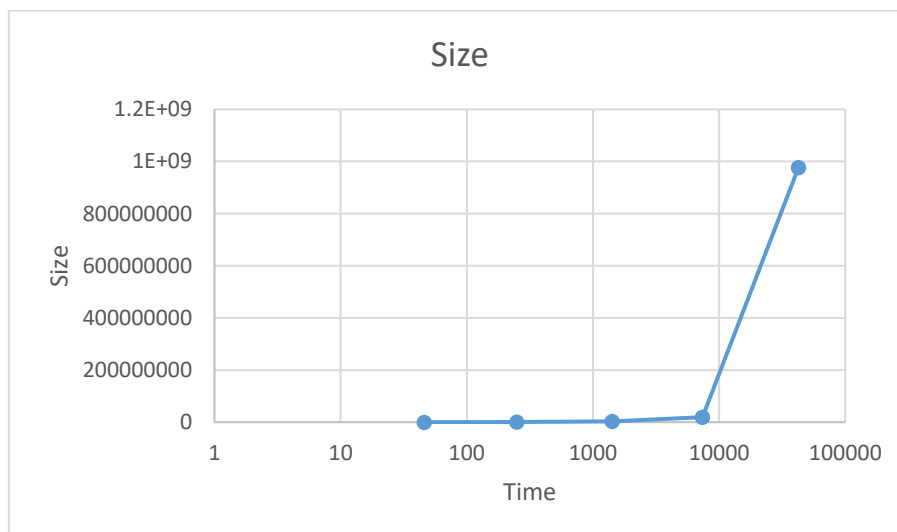
Algorithmics	Student information	Date	Number of session
	UO: 271580	16/02/20	1.1
	Surname: Lopez Amado		
	Name: Pablo		

## Activity 1. Measuring times

- 1) 292.471.158,546 approx
- 2) The time that passed is less than 1 ms
- 3) 140000000

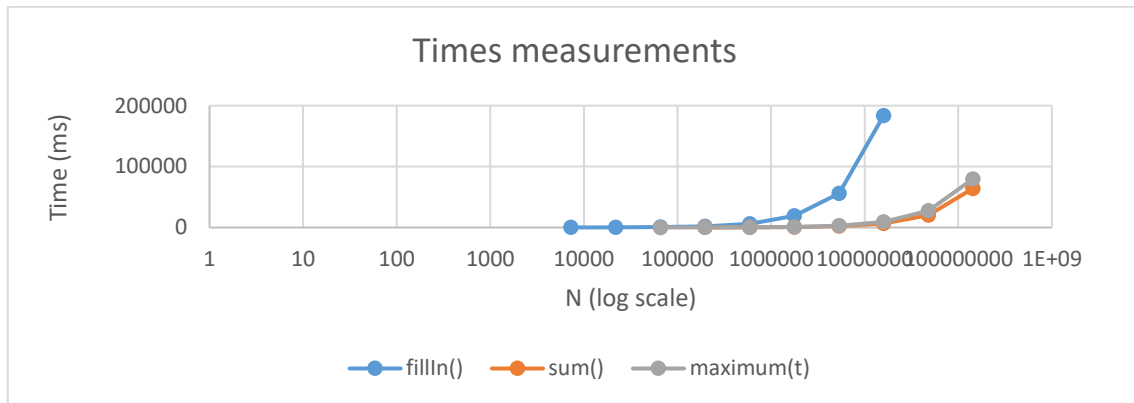
## Activity 2. Grow of the size problem

- 1) It increases exponentially
- 2) No, since the complexity is quadratic, it increases faster
- 3)

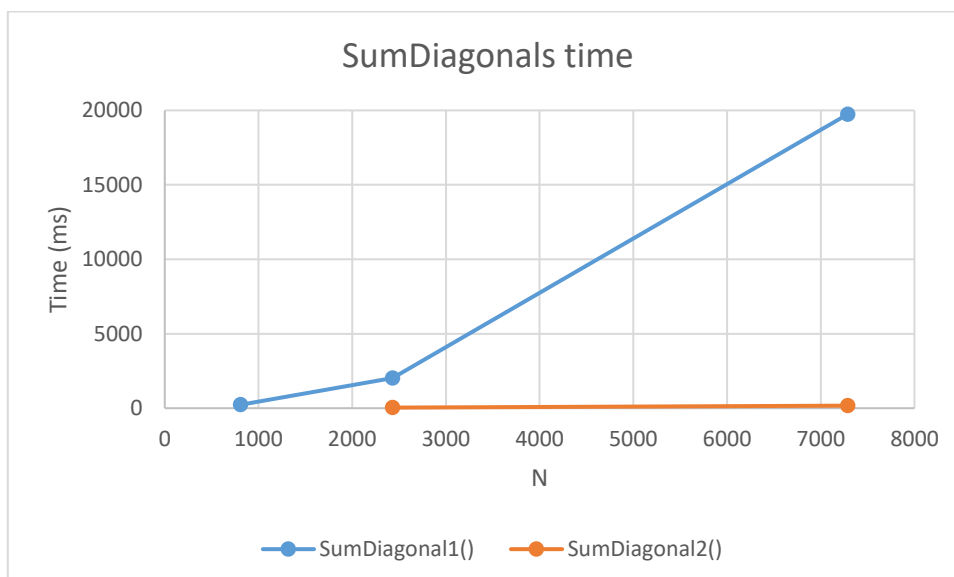


Algorithmics	Student information	Date	Number of session
	UO: 271580	16/02/20	1.1
	Surname: Lopez Amado		
	Name: Pablo		

### Activity 3. Time measurements [FillIn - Sum - Maximum]



### Activity 4. Time measurements [SumDiagonal1 – SumDiagonal2]



Algorithmics	Student information	Date	Number of session
	UO: 271580	16/02/20	1.1
	Surname: Lopez Amado		
	Name: Pablo		

## Activity 5. 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.