UNIVERSIDAD EAFIT SCHOOL OF ENGINEERING DEPARTMENT OF SYSTEMS AND INFORMATICS

 $\begin{array}{c} \text{Page 1 de 1} \\ \text{ST245} \\ \text{Data Structures} \end{array}$

Laboratory practice No. 2: Big O Notation

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1) CODE FOR DELIVERING ON GITHUB

The source code can be found in Code.py inside the codigo folder.

2) ONLINE EXERCISES

The source code can be found in Code.py inside the codigo folder.

3) SIMULATION OF PROYECT PRESENTATION QUESTIONS

3.a. Complexity of algorithms using ArrayList and LinkedList

	ArrayList	$\operatorname{LinkedList}$
Exercise 1.1	O(n)	O(n)
Exercise 1.2	O(n)	O(n)
Exercise 1.3	$O(n^2)$	$O(n^3)$
Exercise 1.4	$O(n^2m)$	O(nm)

Table 1: My caption