

Laboratory practice No. 3: LABORATORY #3

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3) Practice for final project defense presentation

3.1 $O(n)$

3.3 $O(n)$

3.4

4) Practice for midterms

4.1 Complete line: `res = res+(str[str.size-1]*Math.pow(2,i)`

Asymptotic complexity: $O(n)$

4.2 $O(n)$

4.3

4.3.1 iv

4.3.2 i

4.4 `stack.pop()`

4.5 a

5) Recommended reading (optional)

Mapa conceptual

6) Team work and gradual progress (optional)

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ESTRUCTURA DE DATOS 1

Código ST0245

Member	Date	Done	Do	To do
Alejandro Torres	22/03/21	I read the lab guide.		Inquire about the possible algorithms to create a data structure with a city map.
Mateo Muñoz	22/03/21	I read the lab guide.		Investigate the complexity of algorithms.
Alejandro Torres	22/03/21	I inquired about the possible algorithms to create a data structure with a city map.	Review Mateo's research.	Establish the development environment and implement the algorithm.
Mateo Muñoz	23/03/21	I did research on the complexity of algorithms.	Review Alejandro's research.	Establish the programming language to use and implement the algorithm.
Alejandro Torres	23/03/21	I set the development environment	Develop the algorithm.	Test the algorithm.
Mateo Muñoz	23/03/21	I established the programming language.	Develop the algorithm.	Calculate the complexity of the numerals.
Alejandro Torres	24/03/21	I tested the algorithm.		
Mateo Muñoz	24/03/21	I calculated the complexity of the numerals.		Explain the variables of the complexity calculation.
Alejandro Torres	24/03/21			Do the simulation exercises of the exam.
Mateo Muñoz	25/03/21	I explained the variables of the complexity calculation.		Design a template for gradual progress.
Alejandro Torres	25/03/21	I did the mock exercises for the exam.		
Mateo Muñoz	25/03/21	We design a template for gradual progress.		Finalize delivery details.
Alejandro Torres	25/03/21			
Mateo Muñoz	27/03/21	We finalize delivery details.		DONE.
Alejandro Torres	27/03/21			

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- 6.1** Meeting minutes
- 6.2** History of changes of the code
- 6.3** History of changes of the report

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