#### ESTRUCTURA DE DATOS 1 Código ST0245

# **Laboratory practice No.5: Graphs**

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# 3) Practice for final project defense presentation

3.5  $O(x^*y + z^2)$ 

3.6 n: number of graphs, m: number of edges, w: number of nodes

# 4) Practice for midterms

4.1

	0	1	2	2	1	E	6	7
	U	1	2	3	4	3	0	/
0				1	1			
1	1		1			1		
2					1		1	
3							6	1
4			1					
5								
6			1					
7								

4.2

 $0 \to [3,4]$ 

 $1 \to [0,2,5]$ 

 $2 \rightarrow [4,6]$ 

 $3 \rightarrow [7]$ 

 $4 \rightarrow [2]$ 

5 ->[]

 $6 \rightarrow [2]$ 

7 →[]

4.3. O(n^2)

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- 5) Recommended reading (optional)
- 6) Team work and gradual progress (optional)



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