

## **DOCUMENTO TÉCNICO – GRAFOS**

### **INTEGRANTES:**

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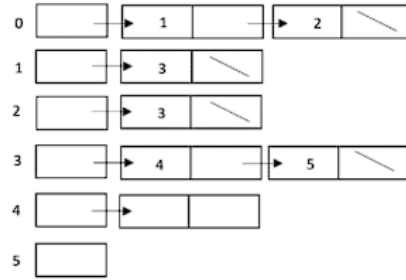
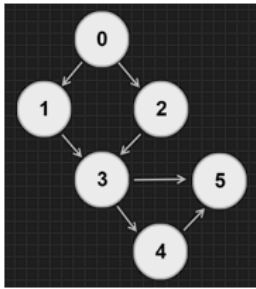
**Felipe Calvache**

**Zayra Gutiérrez**

**PROFESOR: SEBASTIÁN CAMILO MARTÍNEZ REYES**

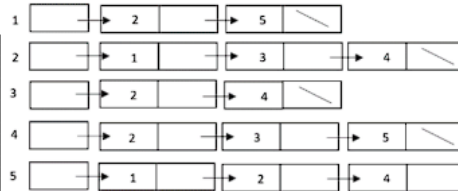
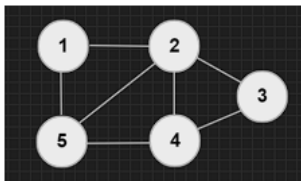
**ALGORITMOS Y ESTRUCTURAS DE DATOS**

a.  $S = \{(0,1), (0,2), (1,3), (2,3), (3,4), (3,5), (4,5)\}$



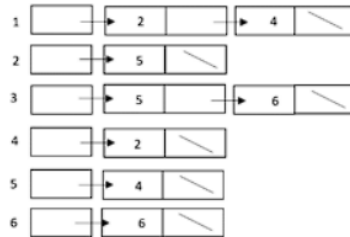
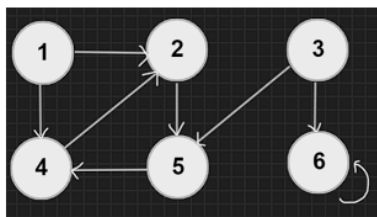
	0	1	2	3	4	5
0	0	1	1	0	0	0
1	0	0	0	1	0	0
2	0	0	0	1	0	0
3	0	0	0	0	1	1
4	0	0	0	0	0	1
5	0	0	0	0	0	0

b.  $S = \{(1,2), (1,5), (2,1), (2,3), (2,4), (2,5), (3,2), (3,4), (4,2), (4,3), (4,5), (5,1), (5,2), (5,4)\}$



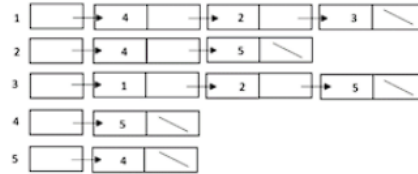
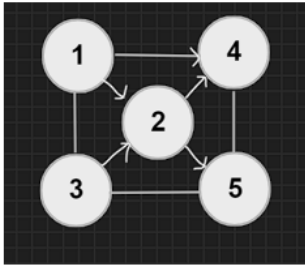
	1	2	3	4	5
1	0	1	0	0	1
2	1	0	1	1	1
3	0	1	0	1	0
4	0	1	1	0	1
5	1	1	0	1	0

c.  $S = \{(1,2), (1,4), (2,5), (3,5), (3,6), (4,2), (5,4), (6,6)\}$



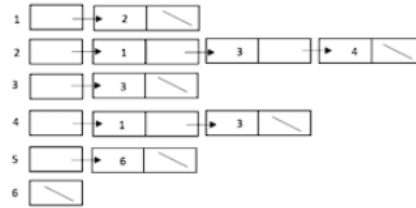
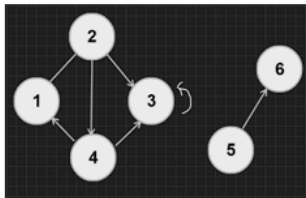
	1	2	3	4	5	6
1	0	1	0	1	0	0
2	0	0	0	0	1	0
3	0	0	0	0	1	1
4	0	1	0	0	0	0
5	0	0	0	1	0	0
6	0	0	0	0	0	1

d.  $S = \{(1,2), (1,3), (1,4), (2,4), (2,5), (3,1), (3,2), (3,5), (4,5), (5,4)\}$



	1	2	3	4	5
1	0	1	1	1	0
2	0	0	0	1	1
3	1	1	0	0	1
4	0	0	0	0	1
5	0	0	0	1	0

e.  $S = \{(1,2), (2,1), (2,3), (2,4), (3,3), (4,1), (4,3), (5,6)\}$



	1	2	3	4	5	6
1	0	1	0	0	0	0
2	1	0	1	1	0	0
3	0	0	1	0	0	0
4	1	0	1	0	0	0
5	0	0	0	0	0	1
6	0	0	0	0	0	0