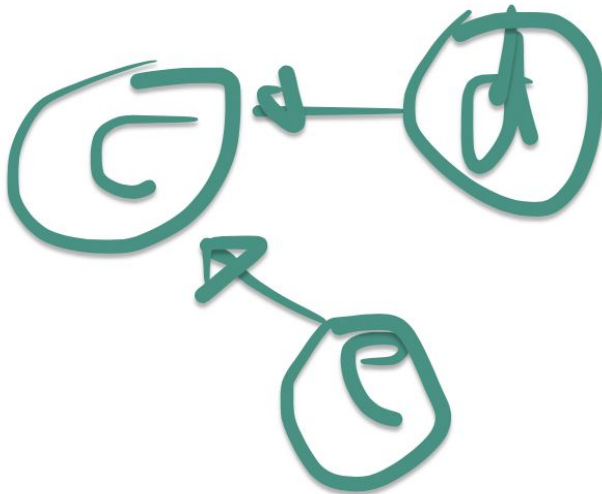
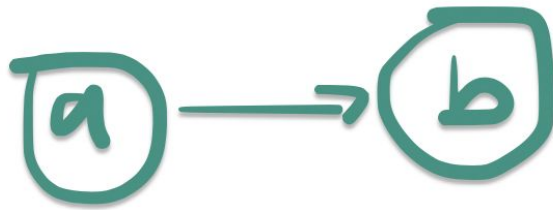
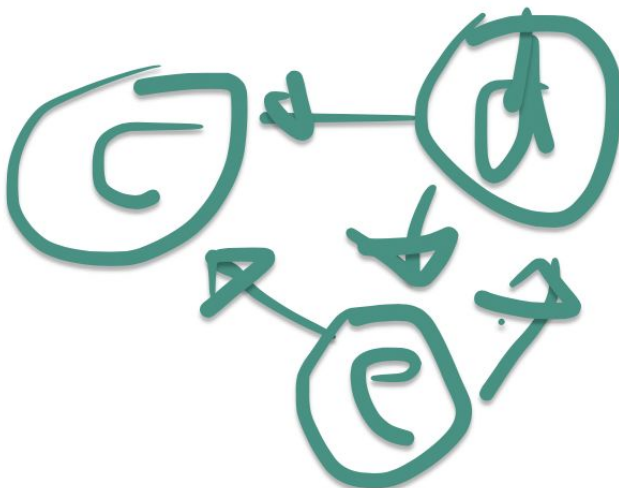
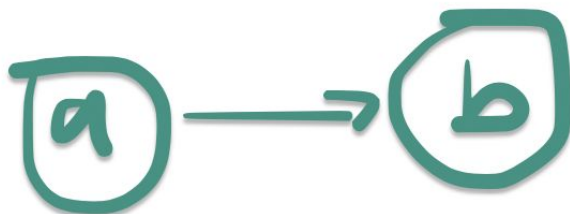


1.1

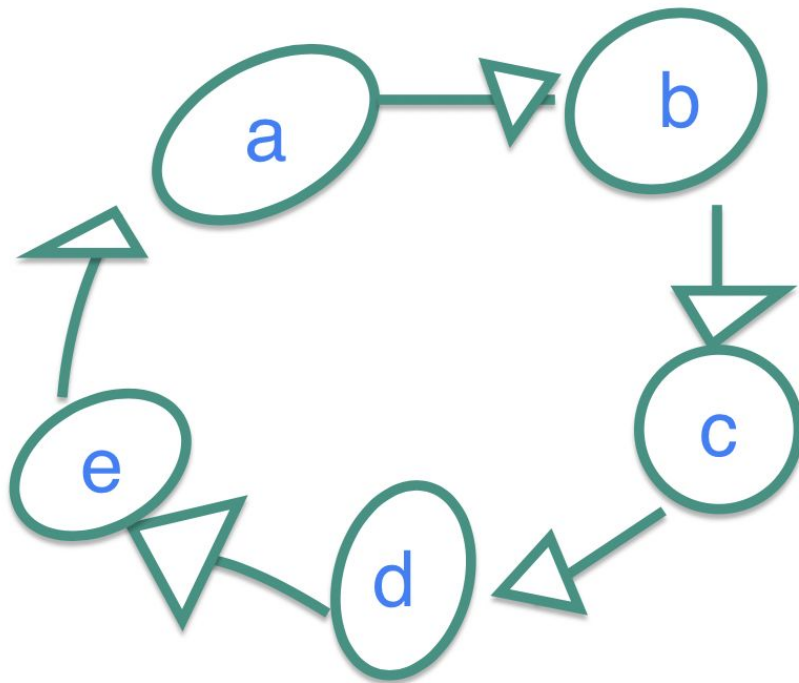


1.2

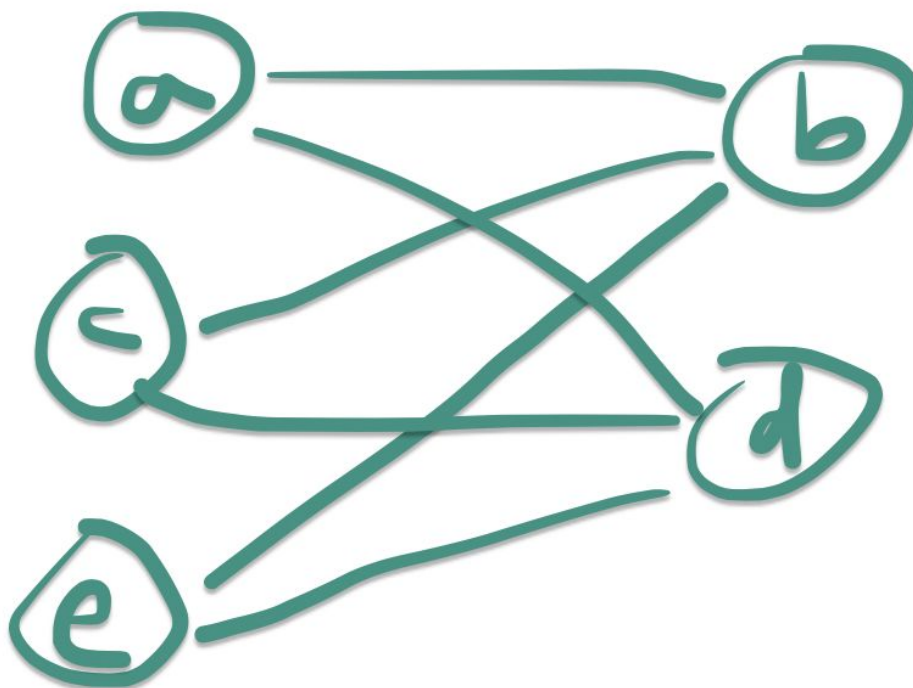


b y c son hundidos
a es fuente

1.3

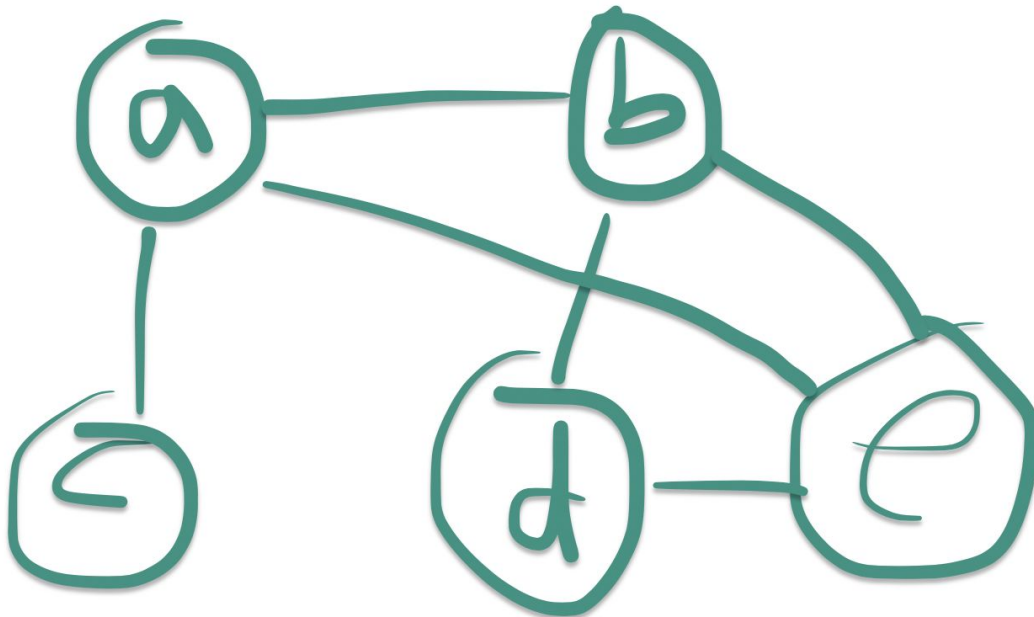


1.4

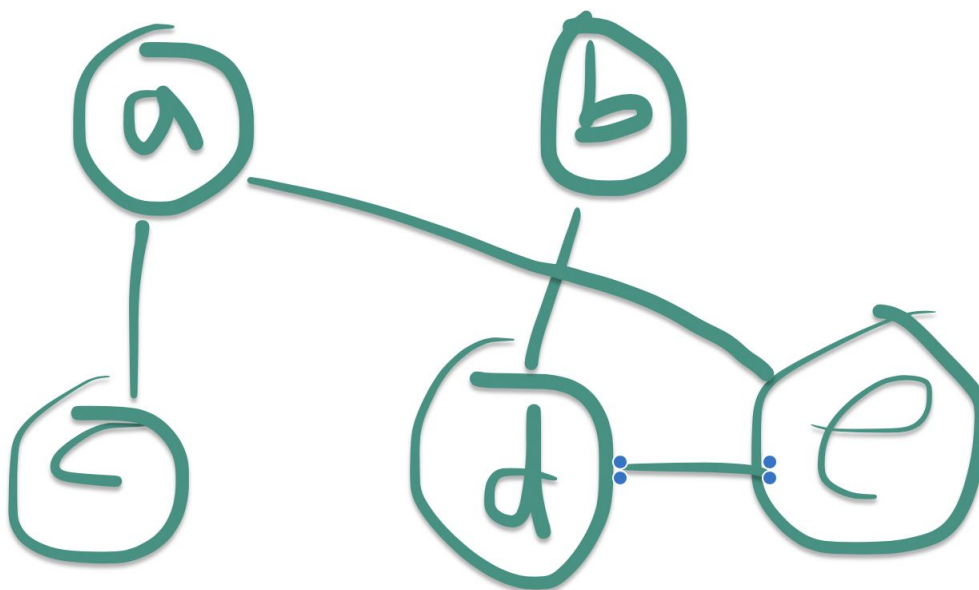


1.5

denso



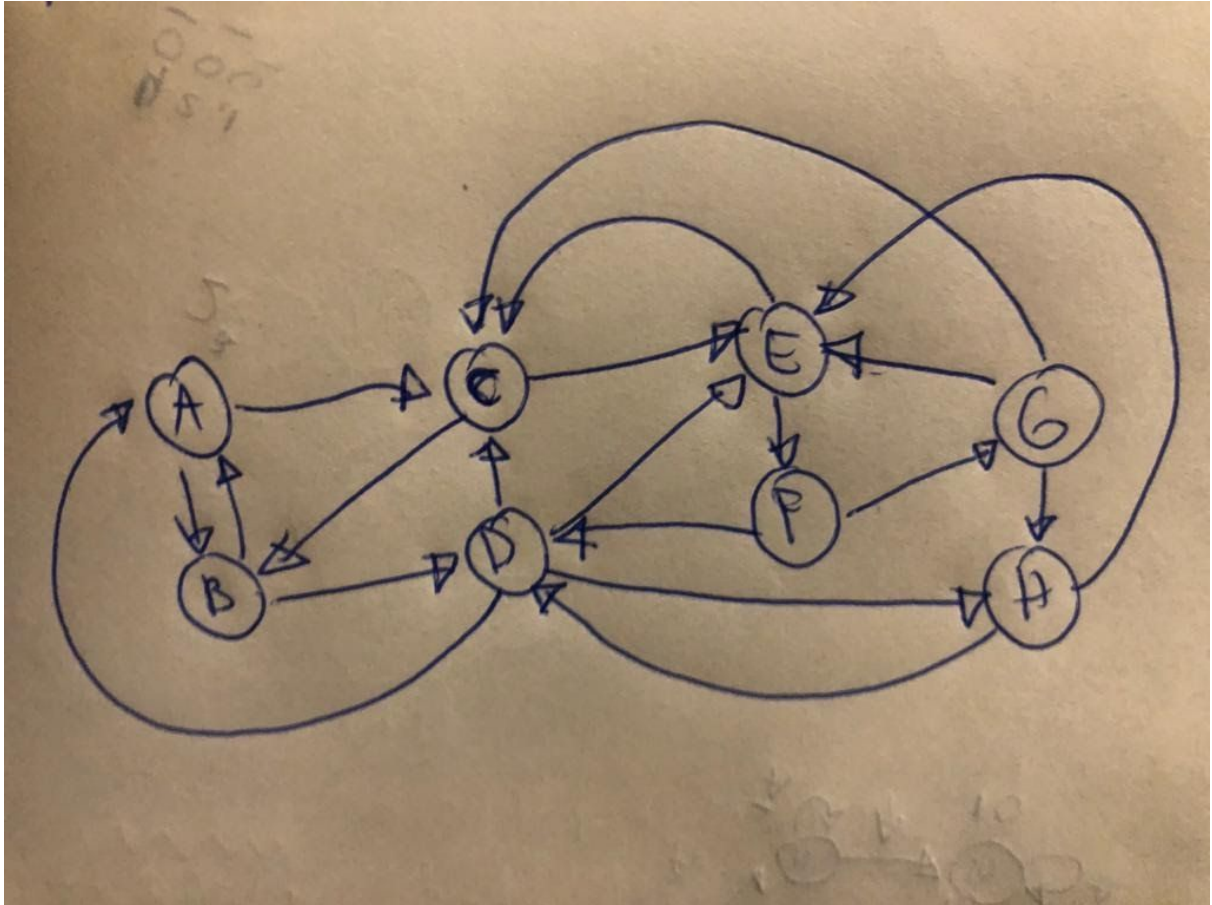
disperso



2. A. {H, I}, {F, E}, {F, C}, {J, D}, {D, A}, {E, B}, {D, C}, {H, E}

2. B. {A, D}, {D, J}, {D, C}, {F, C}, {F, E}, {E, B}, {E, H}, {H, I}

3.1.



3.2.

$O(|V|)$, siendo V la lista de vértices del grafo

4.1.

	2	3	5	7	8	9	10	11
2	0	0	0	0	0	0	0	0
3	0	0	0	0	1	0	1	0
5	0	0	0	0	0	0	0	1
7	0	0	0	0	1	0	0	1
8	0	0	0	0	0	1	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	1	0	0	0	0	1	1	0

4.2.

siendo V la lista de vértices del grafo

tiempo: $O(|V|)$

espacio: $O(V^2)$ debido a que igual guarda los valores donde no hay vértice, que son 0 en la matriz