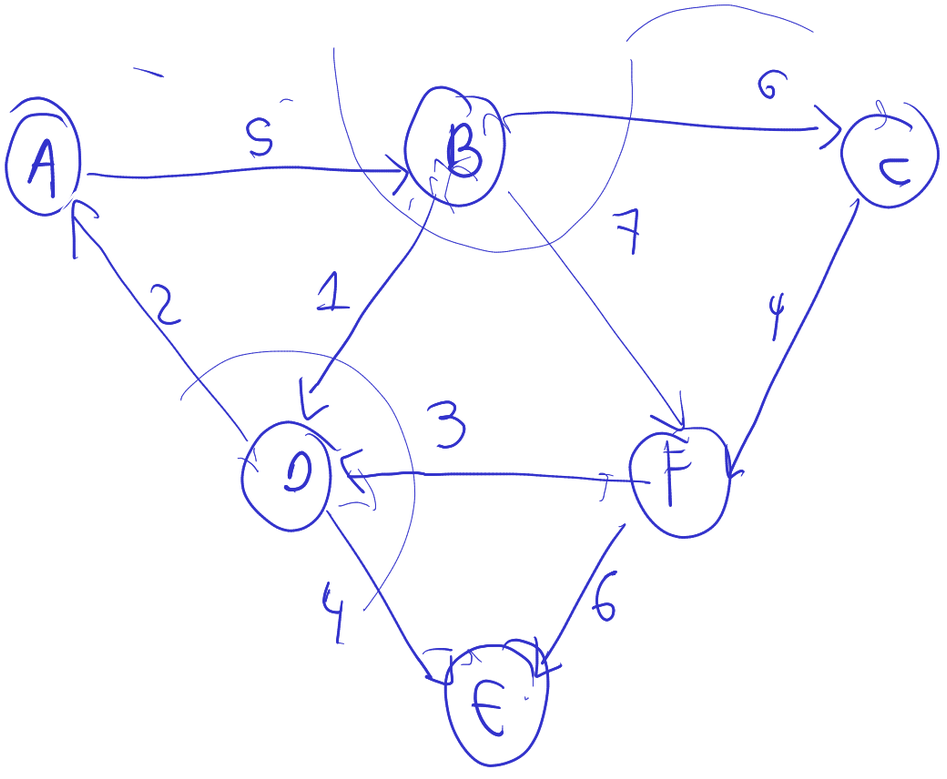
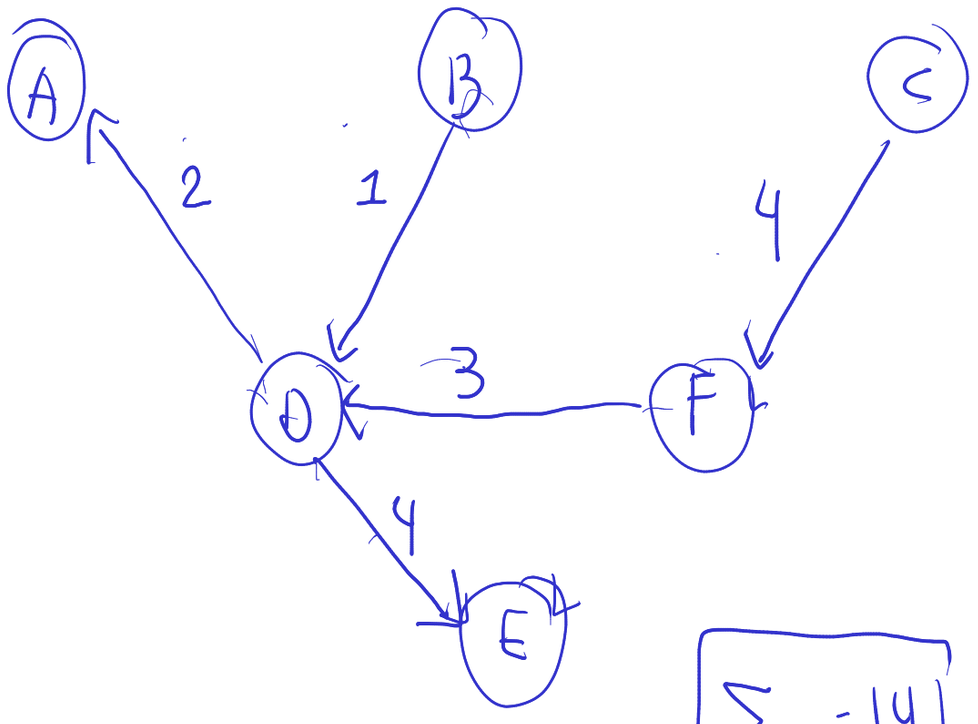
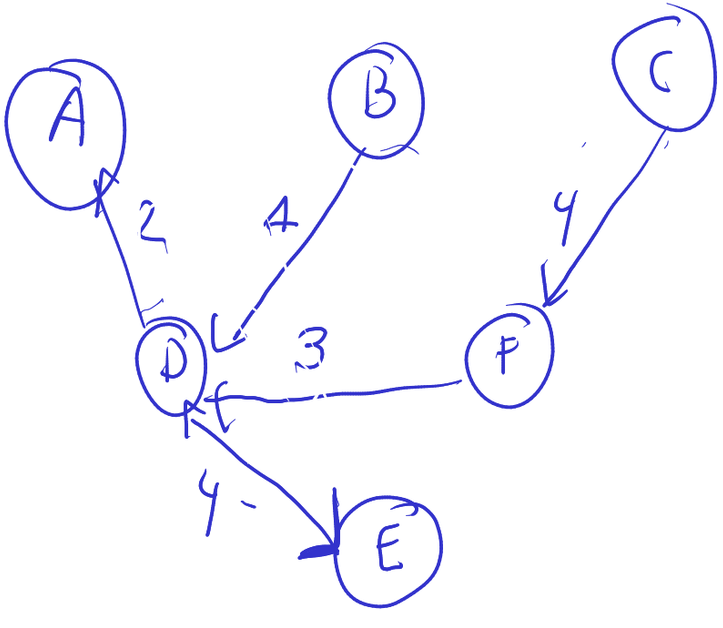


Kruskal

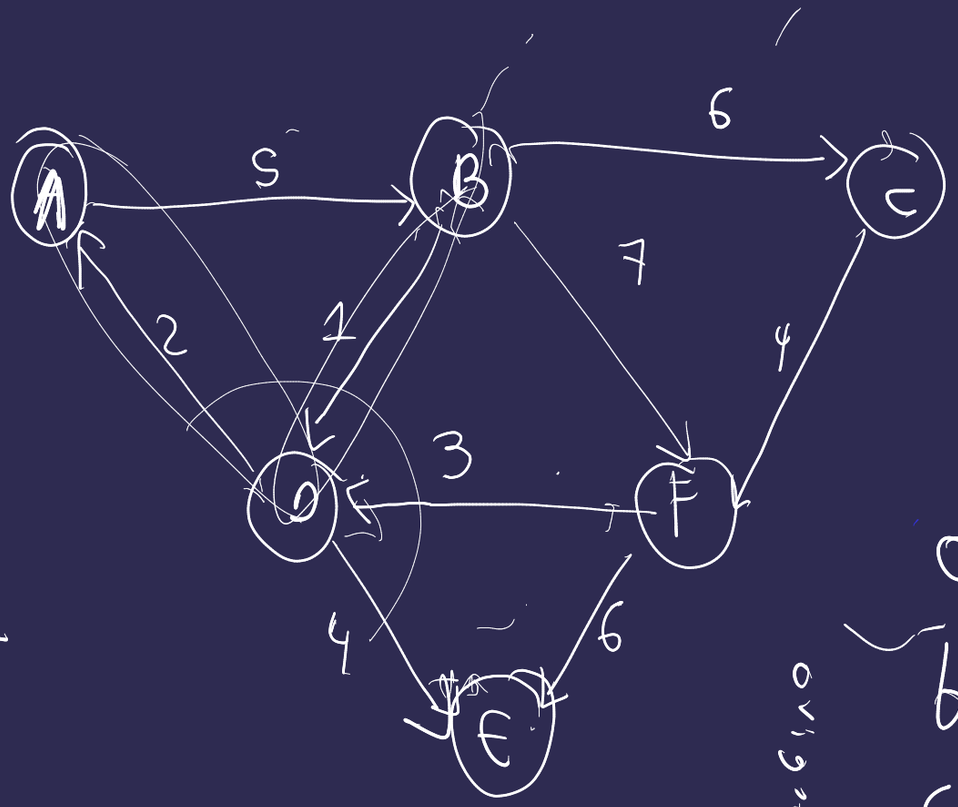


$\Sigma = 14$



Prim

([('B', 'D'), ('D', 'A'), ('F', 'D'), ('C', 'F'), ('D', 'E')],



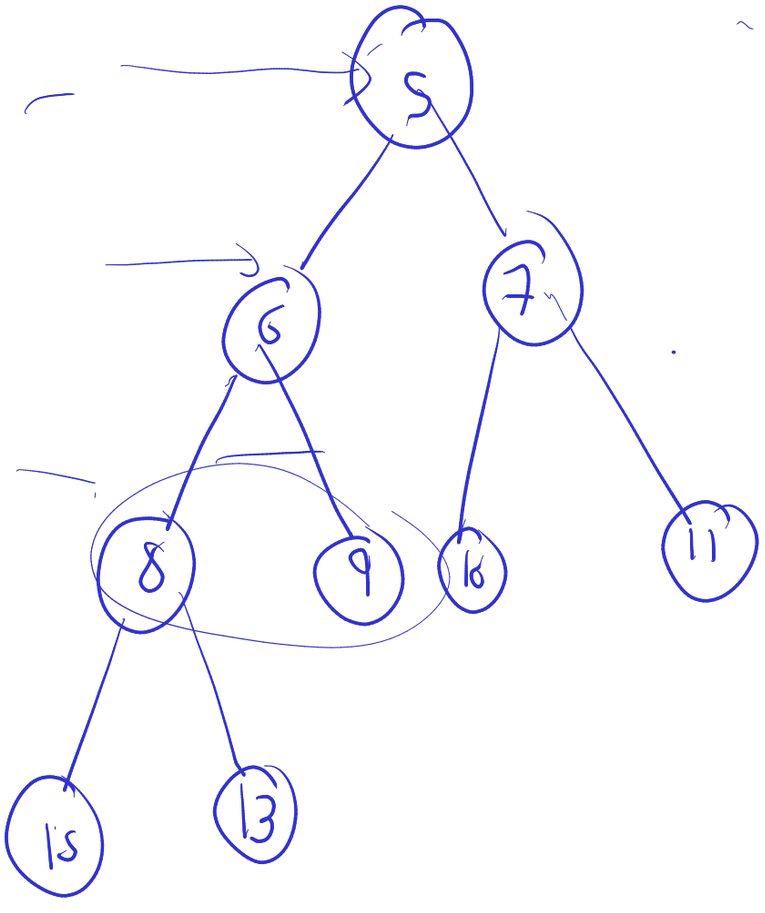
destino (1, 3)

origen

	a	b	c	d	e	f
a	0	5	0	0	0	0
b	0	0	6	[1]	0	7
c	0	0	0	0	0	4
d	2	0	0	0	4	0
e	0	0	0	0	0	0
f	0	0	0	3	0	6

{B, D, A,

([('B', 'D'), ('D', 'A'), ('F', 'D'), ('C', 'F'), ('D', 'E')],



BFS 5, 6, 7, 8, 9, 10, 11, 15, 13

col = [ ]

col = [5]

col = [6 7] sol = [5]

col = [7 8 9] sol = [5 6]

col = [8 9 10 11] sol = [5 6 7]

col = [9 10 11 15 13] sol = [5 6 7 8]

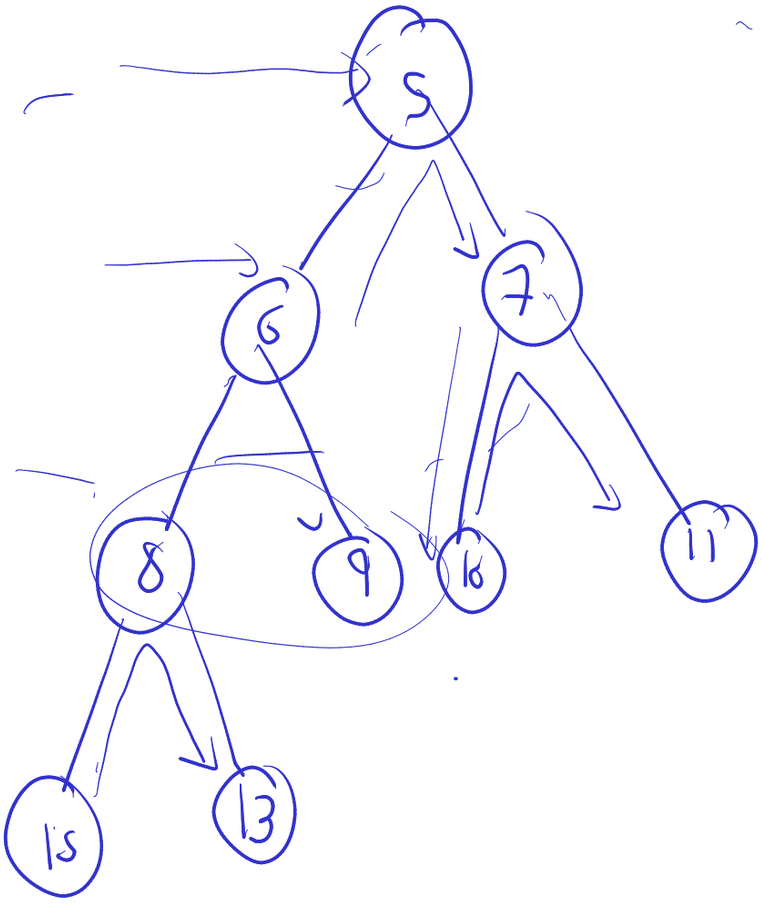
col = [10 11 15 13] sol = [5 6 7 8 9]

col = [11 15 13] sol = [5 6 7 8 9 10]

col = [15 13] sol = [5 6 7 8 9 10 11]

col = [13] sol = [5 6 7 8 9 10 11 15]

col = [ ] sol = [5 6 7 8 9 10 11 15 13]



DFS

S, 6, 8, 15, 13, 9, 7, 10, 11

pile = [ ] S = [ ]

pile = [S] S = [ ]

pile = [6, 7] S = [S]

pile = [8 9 7] S = [S, 6]

pile = [15 13 9 7] S = [S, 6, 8]

pile = [13 9 7] S = [S, 6, 8, 15]

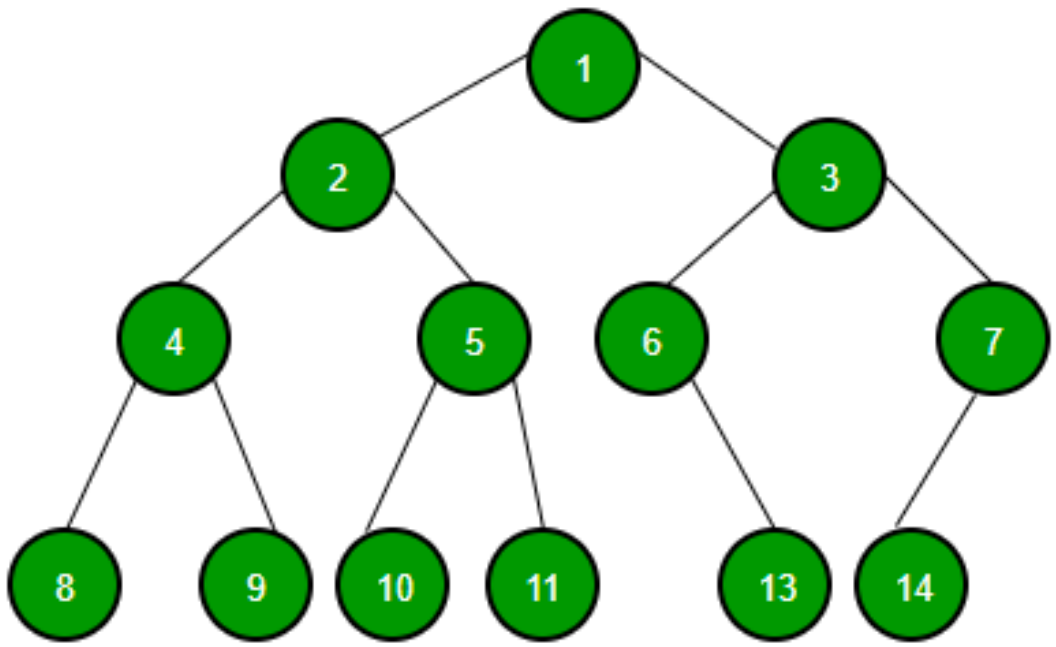
pile = [9 7] S = [S, 6, 8, 15, 13]

pile = [7] S = [S, 6, 8, 15, 13, 9]

pile = [10 11] S = [S, 6, 8, 15, 13, 9, 7]

pile = [11] S = [S, 6, 8, 15, 13, 9, 7, 10]

pile = [ ] S = [S, 6, 8, 15, 13, 9, 7, 10, 11]



BFS

colq = [ ] S = [ ]

colq [1] = S [ ]

colq [2 3] S = [1]

colq [3 4 5] S = [1 2]

colq = [4 5 6 7] S = [1 2 3]

colq = [5 6 7 8 9] S = [1 2 3 4]

colq = [6 7 8 9 10 11] S = [1 2 3 4 5]

colq = [7 8 9 10 11 13] S = [1 2 3 4 5 6]

colq = [8 9 10 11 13 14] S = [1 2 3 4 5 6 7]

colq = [9 10 11 13 14] S = [1 2 3 4 5 6 7 8]

colq = [10 11 13 14] S = [1 2 3 4 5 6 7 8 9]

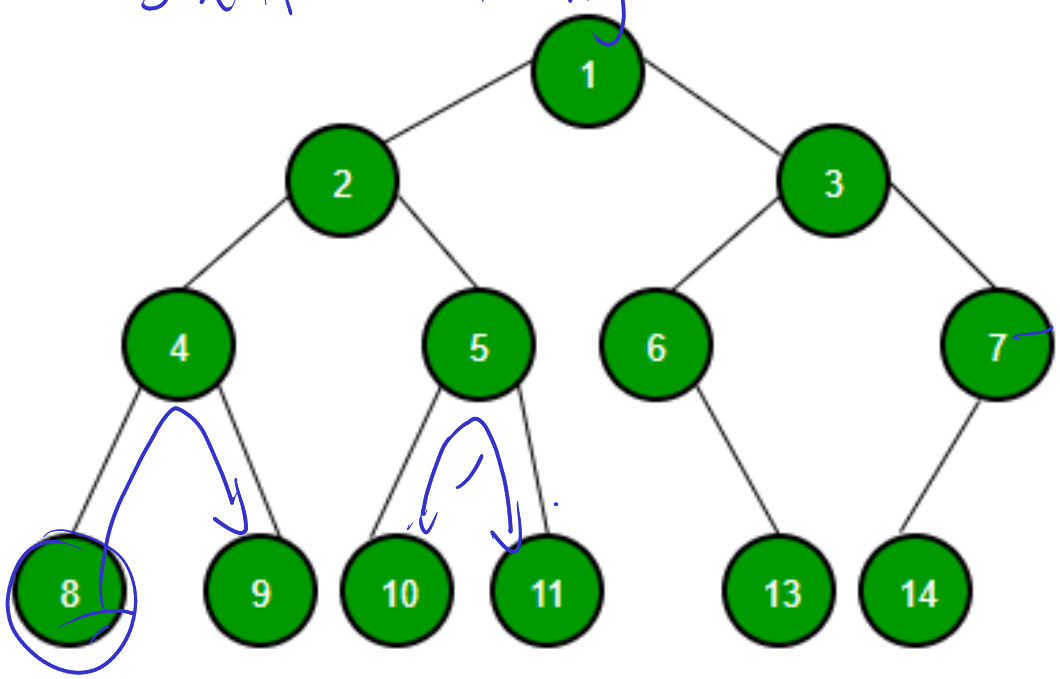
colq = [11 13 14] S = [1 2 3 4 5 6 7 8 9 10]

colq = [13 14] S = [1 2 3 4 5 6 7 8 9 10 11]

colq = [14] S = [1 2 3 4 5 6 7 8 9 10 11 13]

colq = [ ] S = [1 2 3 4 5 6 7 8 9 10 11 13 14]

Backtracking



DFS Izquierda

pila = [ ] sol = [ ]

pila = [1] sol = [ ]

pila = [2 3] sol = [1]

pila = [4 5 3] sol = [1 2]

pila = [8 9 5 3] sol = [1, 2, 4]

pila = [9 5 3] sol = [1, 2, 4, 8]

pila = [5 3] sol = [1 2 4 8 9]

pila = [10 11 3] sol = [1 2 4 8 9 5]

pila = [11 3] sol = [1 2 4 8 9 5 10]

pila = [3] sol = [1 2 4 8 9 5 10 11]

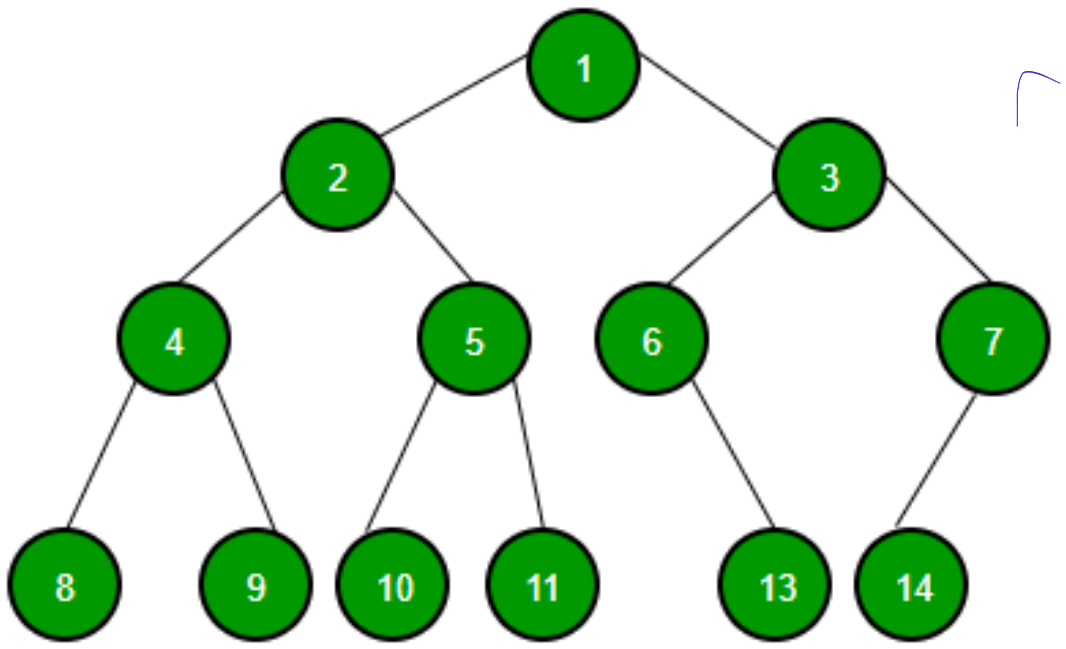
pila = [6 7] sol = [1 2 4 8 9 5 10 11 3]

pila = [13 7] sol = [1 2 4 8 9 5 10 11 3 6]

pila = [7] sol = [1 2 4 8 9 5 10 11 3 6 13]

pila = [14] sol = [1 2 4 8 9 5 10 11 3 6 13 7]

pila = [ ] sol = [1 2 4 8 9 5 10 11 3 6 13 7 14]



DFS dpracha

p/lo:[1] sol:[]

p/lo:[3 2] sol:[1]

p/lo:[7 6 2] sol:[1 3]

p/lo:[14 6 2] sol:[1 3 7]

p/lo:[6 2] sol:[1 3 7 14]

p/lo:[13 2] sol:[1 3 7 14 6]

p/lo:[2] sol:[1 3 7 14 6 13]

p/lo:[5 4] sol:[1 3 7 14 6 13 2]

p/lo:[11 10 4] sol:[1 3 7 14 6 13 2 5]

p/lo:[10 4] sol:[1 3 7 14 6 13 2 5 11]

p/lo:[4] sol:[1 3 7 14 6 13 2 5 11 10]

p/lo:[9 8] sol:[1 3 7 14 6 13 2 5 11 10 4]

p/lo:[8] sol:[1 3 7 14 6 13 2 5 11 10 4 9]

p/lo:[] sol:[1 3 7 14 6 13 2 5 11 10 4 9 8]

([(1, 0), (2, 0), (3, 0), (3, 1), (3, 2), (4, 2), (4, 3), (4, 4),
(4, 3), (4, 2), (3, 2), (3, 1), (3, 0), (4, 0), (5, 0)], 441, 240)