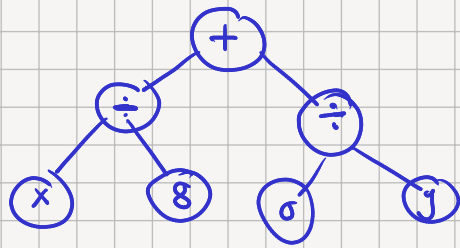
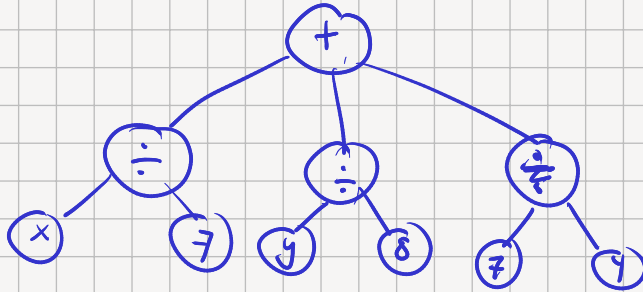


1) Arbol operaciones

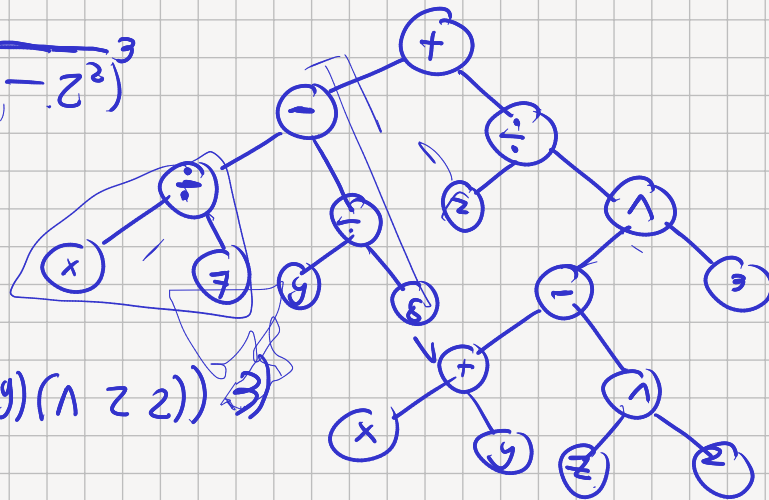
$$\frac{x}{8} + \frac{6}{y}$$



$$\frac{x}{7} + \frac{y}{8} + \frac{z}{4}$$



$$\left(\frac{x}{7} - \frac{y}{8} \right) + \frac{z}{(x+y-z^2)^3}$$

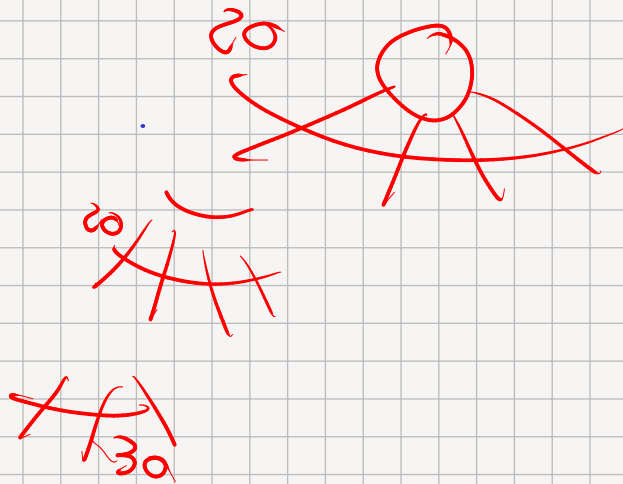
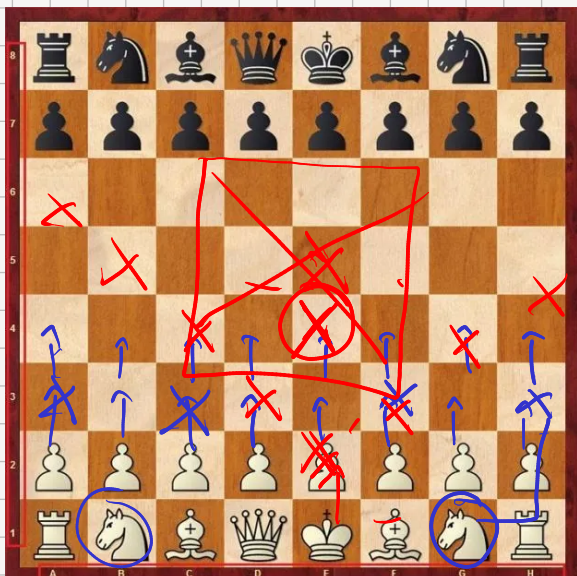


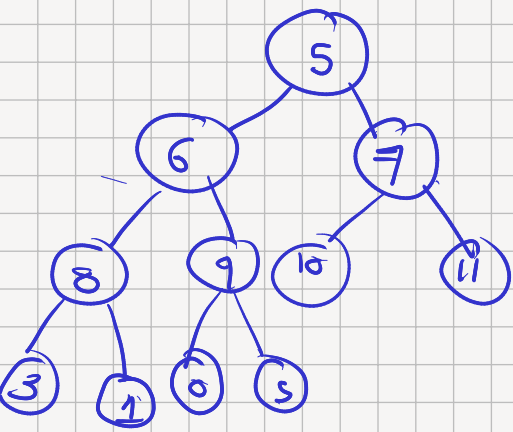
(+ (- (÷ x 7)
(÷ y 8))

(÷ z (^ (- (+ x y) (^ z 2))) 3)

((x 7 ÷) (y 8 ÷) -)

((x y +) (z 2 ^) -) 3 ^) (z ÷)

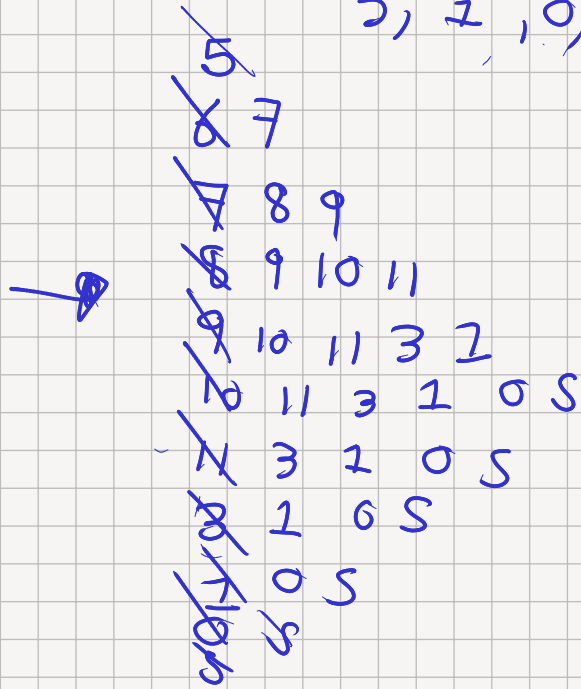




BFS

cola

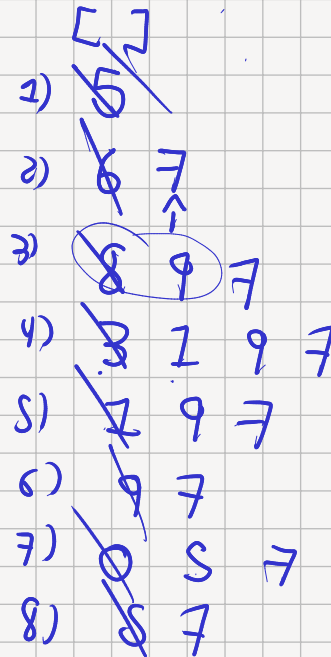
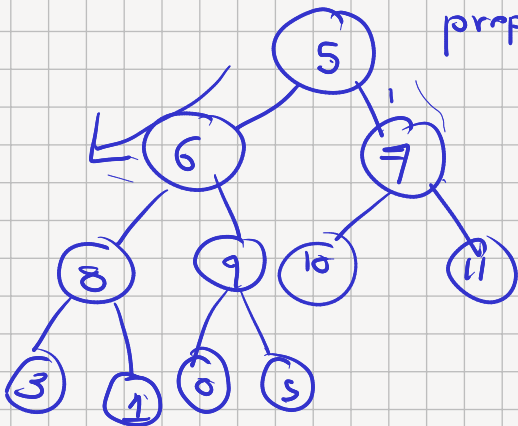
$R = \{5, 6, 7, 8, 9, 10, 11, 3, 1, 0, 5\}$



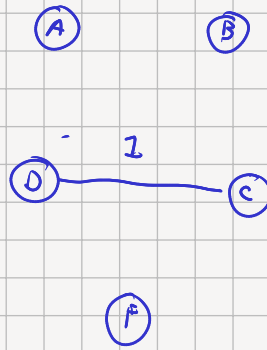
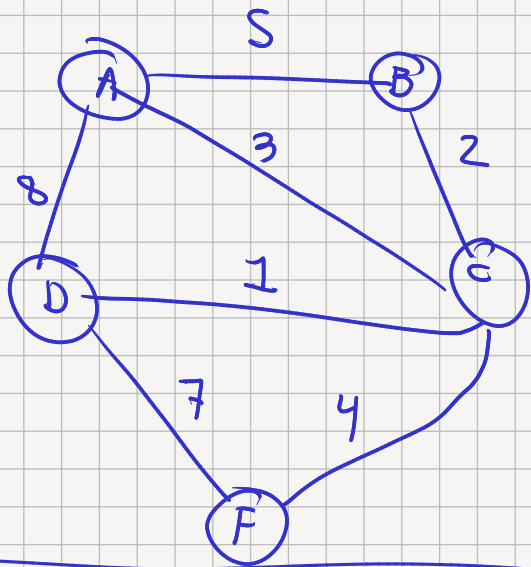
DFS

prof izquierdo

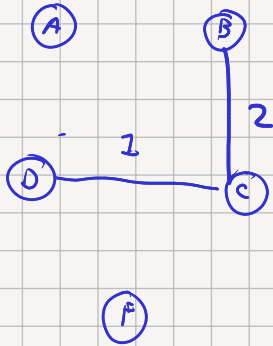
Pila $\{5, 6, 8, 3, 1, 9, 0, 5, 7, 10, 11\}$



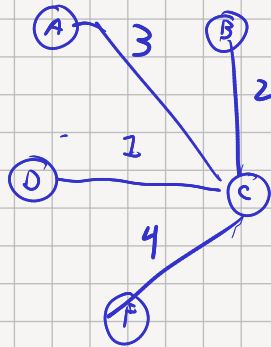
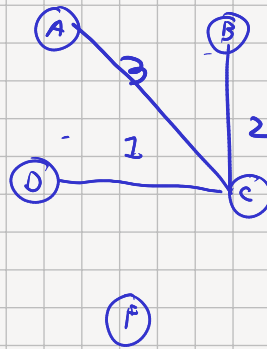
Prm

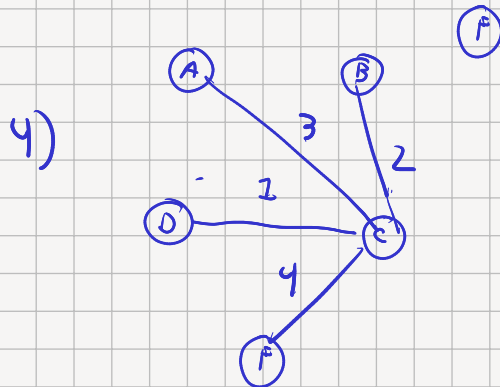
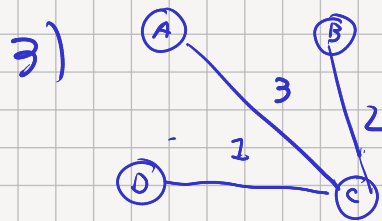
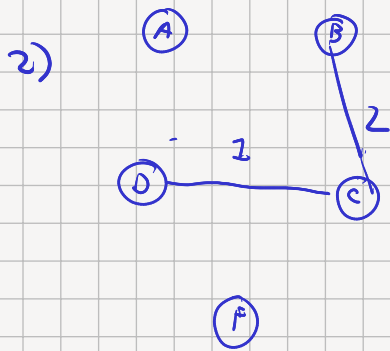
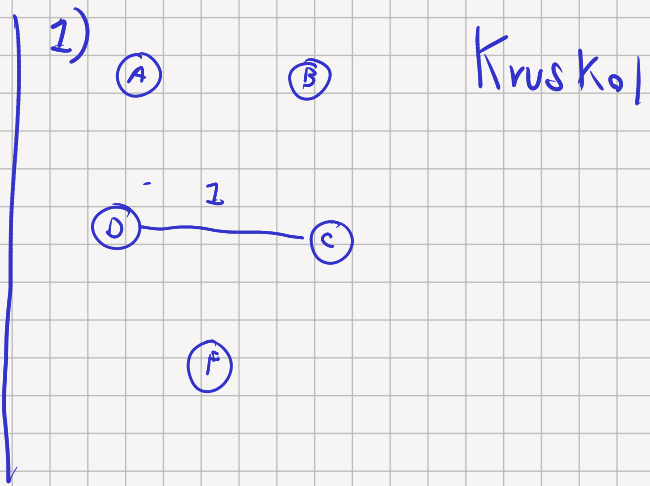
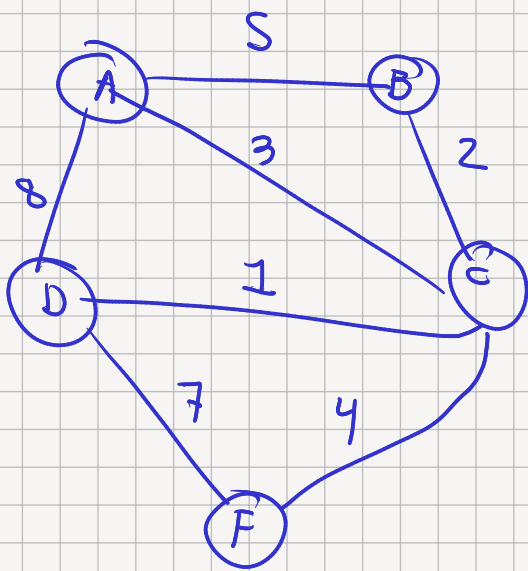


2



3

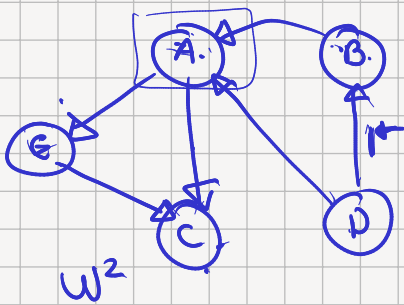




Warshall

$$W_0 = M_R$$

$$W^k = W_{ij}^{k-1} \vee (W_{ik}^{k-1} \wedge W_{kj}^{k-1})$$



W^2

	A	B	C	D	E
A	0	0	1	0	1
B	1	0	1	0	1
C	0	0	0	0	0
D	1	1	1	0	1
E	0	0	1	0	0

W^0

	A	B	C	D	E
A	0	0	1	0	1
B	1	0	0	0	0
C	0	0	0	0	0
D	1	1	0	0	0
E	0	0	1	0	0

W^1

	A	B	C	D	E
A	0	0	1	0	1
B	1	0	1	0	1
C	0	0	0	0	0
D	1	1	1	0	1
E	0	0	1	0	0

w_3

	A	B	C	D	E
A	0	0	1	0	1
B	1	0	1	0	1
C	0	0	0	0	0
D	1	1	1	0	1
E	0	0	1	0	0

w_4

	A	B	C	D	E
A	0	0	1	0	1
B	1	0	1	0	1
C	0	0	0	0	0
D	1	1	1	0	1
E	0	0	1	0	0

w_5

	A	B	C	D	E
A	0	0	1	0	1
B	1	0	1	0	1
C	0	0	0	0	0
D	1	1	1	0	1
E	0	0	1	0	0