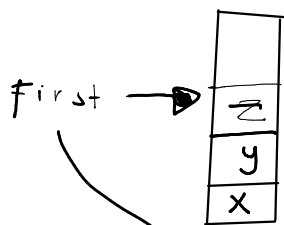


Pr 9



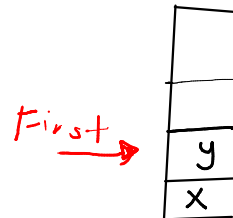
1) push(x)

2) push(y)

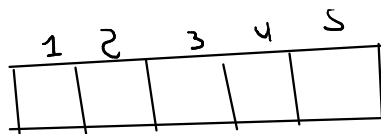
3) push(z)

LIFO
 Last input → first output

1) pop

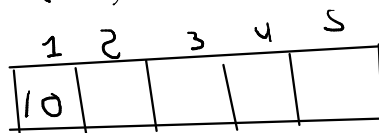


Pr 5



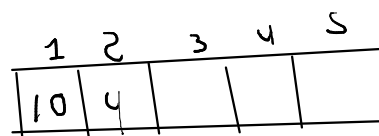
A) $Top(s) = 0$

1) push(10)



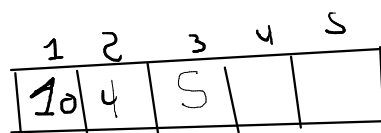
$Top(s) = 1$

2) push(4)



$Top(s) = 2$

3) push(5)



$Top(s) = 3$

4) Empty-stack(s) → 79/50

$Top(s) \neq 0$

pop(s)

1	2	3	4	5
10	4	5		

$$\text{Top}(s) = 2$$

pop(s)

1	2	3	4	5
10	4	5		

$$\text{Top}(s) = 1$$

pop(s)

1	2	3	4	5
10	4	5		

$$\text{Top}(s) = 0$$

pile Empty

push(8)

1	2	3	4	5
8	4	5		

$$\text{Top}(s) = 1$$