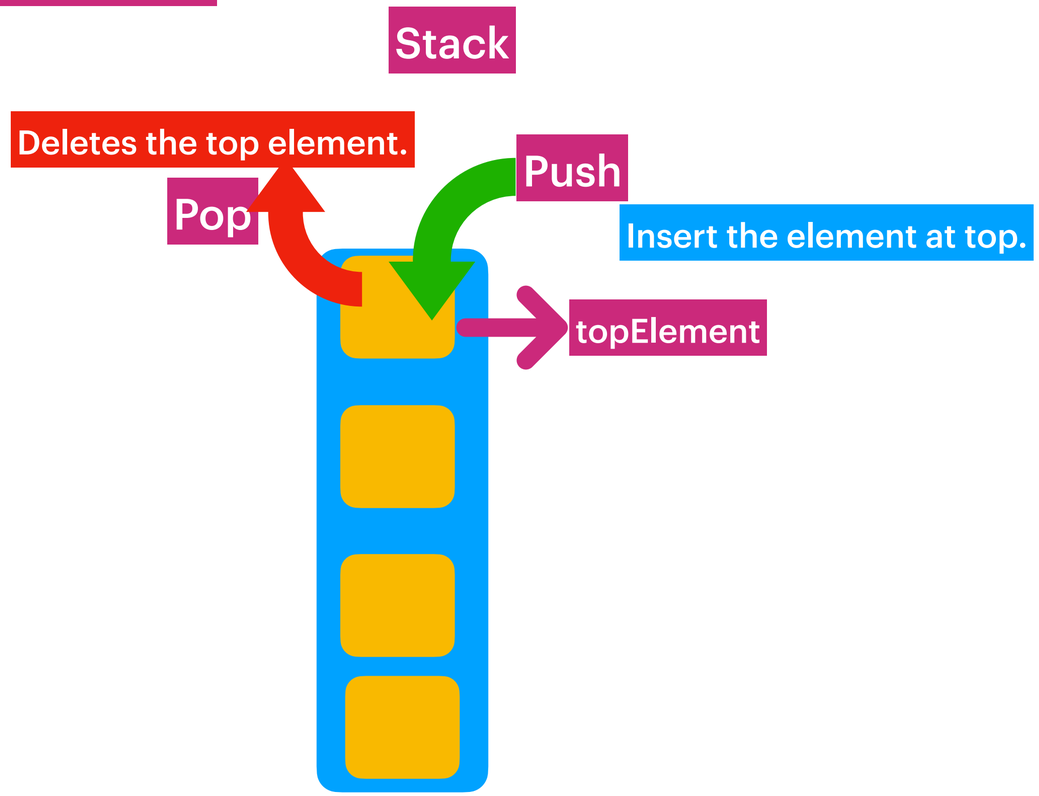
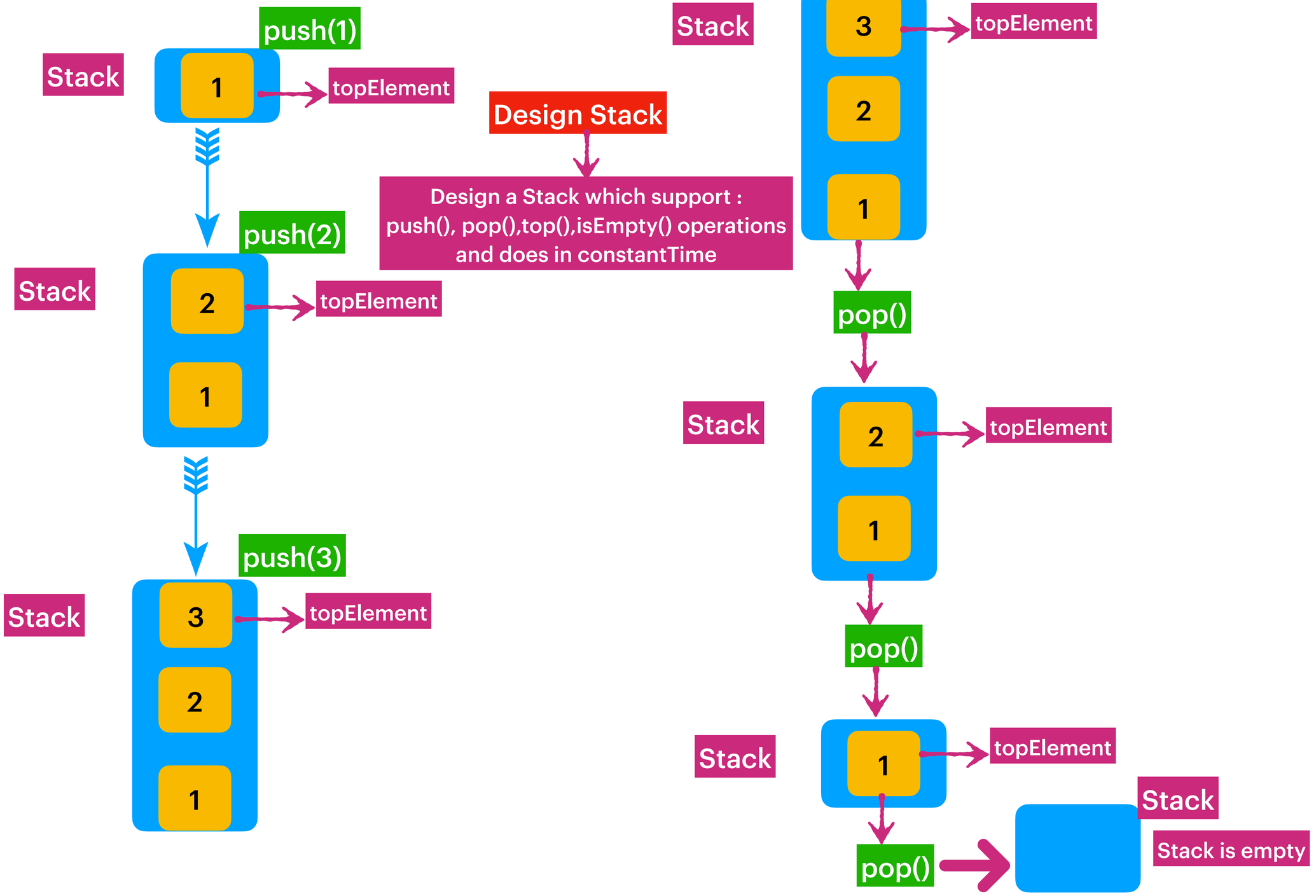
Know about Stack



=> Stack follows Last In First Out order. (LIFO)
LIFO => Last Inserted Element can be accessed/deleted first
=> Stack always inserts the element at end.
=> Stack always deletes the last element / top element


push(1)
Stack
1
topElement
push(2)
Stack
2
1
topElement
push(3)
Stack
3
2
1
topElement
Design Stack
Design a Stack which support :
push(), pop(),top(),isEmpty() operations
and does in constantTime
Stack
3
2
1
topElement
pop()
Stack
2
1
topElement
pop()
Stack
1
topElement
pop()
Stack
Stack is empty