

Stack - Last In First Out

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Int arr[5];

[4]	600	116
[3]	040050	112
[2]	300	108
[1]	200	104
[0]	100	100

top [-1]

3 basic operations of stack

- ✓ 1) Push -> add the element on the stack
- ✓ 2) Pop -> delete the element from the stack
- ✓ 3) Peek -> check the current element

Push :

- 1) Increment the top by 1
- 2) Insert the element at top position

Pop :

- 1) Decrement the top by 1

Peek :

- 1) Return the value at top position

Stack empty condition :

top == -1

Stack full condition :

top == SIZE-1