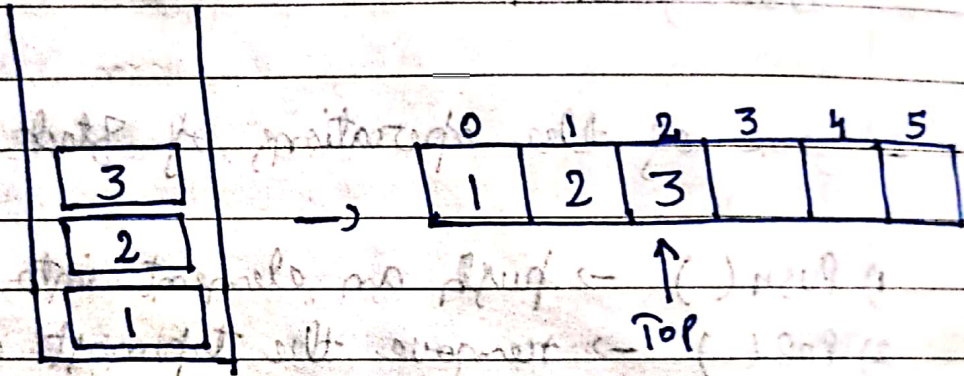


Implementing Stack using Array

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- If we recall, arrays are linear data structures whose elements are indexed, and the elements can be accessed in constant time with their index. To implement a stack using an array, we'll maintain a variable that will store the index of the top element.



- So, Basically we have few things to keep in check when we implement stacks using arrays.

1) A fixed-size array: This size can even be bigger than the size of the stack we are trying to implement, to stay on the safe side.

2) An integer variable to store the index of the top element, or the last element we entered in the array. The value is -1 when there is no element in the array.