K Stacks in an Array [CodeStudio](https://www.codingninjas.com/studio/problems/n-stacks-in-an-array_1164271?topList=love-babbar-dsa-sheet-problems&leftPanelTab=0&campaign=Lovebabbarcodestudio11thfeb)

Design a data structure that can manage multiple stacks efficiently within a single contiguous array.

1. **KStacks(int k, int n)**: Constructor that initializes the data structures.
   * Initializes **arr** to store stack elements, **top** to track top indices, **next** to manage free spots.
   * **Time Complexity: O(n), Space Complexity: O(n + k).**
2. **bool push(int x, int m)**: Pushes an element onto stack **m**.
   * Finds a free spot and inserts the element.
   * Updates pointers and top index.
   * **Time Complexity: O(1), Space Complexity: O(1).**
3. **int pop(int m)**: Pops and returns the top element from stack **m**.
   * Updates pointers to manage the stack and free spots.
   * **Time Complexity: O(1), Space Complexity: O(1).**
4. **int getTop(int m)**: Returns the top element of stack **m**.
   * **Time Complexity: O(1), Space Complexity: O(1).**
5. **int getSize(int m)**: Returns the number of elements in stack **m**.
   * **Time Complexity: O(n), Space Complexity: O(1).**
6. **bool isEmpty(int m)**: Checks if stack **m** is empty.
   * **Time Complexity: O(1), Space Complexity: O(1).**