

```
1 import java.util.*;
2 import java.io.*;
3 public class question_40
4 {
5     public static void main(String[] args) {
6
7         int arr[]=new int[5];
8         int i=0;
9         Scanner sc = new Scanner(System.in);
10        int option;
11        int top;
12        do{
13            System.out.println("\nChoose an Option");
14            System.out.println("1. PUSH\n2. POP\n3. EXIT");
15            option=sc.nextInt();
16
17            //Push logic
18            if(option == 1)
19            {
20                System.out.println("Enter element: ");
21                int push=sc.nextInt();
22                arr[i]=push;
23                i=i+1;
24            }
25
26            //Pop logic
27            if(option == 2)
28            {
29                i=i-1;
30                arr[i]=0;
31            }
32            System.out.println(Arrays.toString(arr));
33
34        }while(option!=3);
35    }
36 }
```