## Implement stack using Array 1

Write a program to implement stack using Array. Implement all the stack related functions - push, pop. print stack.

**Input Format**

* Input consists of
* n = Total number of operations
* String - Operation to be performed
* Integer - Elements of stack > 0

**Output Format**

Output consists of Integer.

**Sample Input 0**

10

Push

1

Pop

Push

5

Push

2

Pop

Push

7

Push

9

Push

10

Pop

Print

**Sample Output 0**

5

7

9

//SOURCE CODE

import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc=new Scanner (System.in);

Stack s=new Stack();

int n=sc.nextInt();

for(int i=0;i<n;i++){

String str=sc.next();

if(str.equals("Push")){

int val=sc.nextInt();

s.push(val);

}

else if(str.equals("Pop")){

s.pop();

}

else if(str.equals("Print")){

s.print();

}

}

}

}

class Stack{

final int size=100;

int arr[]=new int [size];

int top=-1;

public void push(int val){

arr[++top]=val;

}

public void pop(){

top--;

}

public void print(){

for(int i=0;i<=top;i++)

System.out.println(arr[i]);

}

}