Stack

```
import java.util.*;
import java.lang.*;

class Stack{
  public final int max=4;
  public int [] arr = new int [max];
  public int tos = -1;

  public void push (int data){
    if (tos == max-1){
      System.out.println("stack is overflowed");
      return;
    }
    tos ++;
    arr [tos] = data;
    System.out.println("Pushed =" + data);
  }
  public void pop (){
    if (tos == -1){
      System.out.println("Stack is underflowed");
      return;
    }
    System.out.println("Popped = " + arr [tos]);
    tos --;
  }
  public void display (){
    if (tos == -1){
      System.out.println("stack is empty");
      return;
    }
  }
}
```

```
public void peep() {
  System.out.println("Top Element = " + arr[tos]);
}

public static void main(String[] args) {
    Stack stack = new Stack();
      stack.push(11);
      stack.push(22);
      stack.push(33);
      stack.push(44);
      stack.push(55);
      stack.push(66);
      stack.push(77);
      stack.push(88);
      stack.push(99);
      stack.pop();
      stack.pop();
      stack.peep();
  }
}
```