Code : 1  
package Topic\_14\_Stacks;

import java.util.\*;

public class StackDemo {

public static void main(String[] args) {

// Write your code here

Stack<Integer> stack = new Stack<>(); // push, pop, peek are all 0(1)

stack.push(10); // 10

stack.push(20); // 10, 20

stack.push(30); // 10, 20, 30

stack.push(40); // 10, 20, 30, 40

System.out.println(stack); // 10, 20, 30, 40

System.out.println(stack.peek()); // 40

stack.pop(); // 10, 20, 30

System.out.println(stack.peek()); // 30

stack.pop(); // 10, 20

System.out.println(stack.peek()); // 20

stack.pop(); // 10

System.out.println(stack.peek()); // 10

stack.pop(); //

System.out.println(stack.peek()); // error

stack.pop(); // error

}

}

Code : 2  
package Topic\_14\_Stacks;

import java.util.\*;

public class StackDemo2 {

public static void main(String[] args) {

// Write your code here

Stack<String> stack = new Stack<>(); // push, pop, peek are all 0(1)

stack.push("Hello"); // "Hello"

stack.push("Bye"); // "Hello", "Bye"

stack.push("World"); // "Hello", "Bye", "World"

while (stack.size() > 0) {

String tos = stack.peek();

System.out.println(tos);

stack.pop();

}

}

}