

C:\Users\Rich\Documents\NetBeansProjects\Lab06\src\Stack.java

```
1 /**
2  * @author Richelin Metellus
3  * A stack is a collection of object that insert and removed objects
4  * according to the Last-in First-out principle(LIFO)
5  */
6 public interface Stack <E>{
7     /**
8      *
9      * @return number of elements in the stack
10     */
11     int size();
12
13     /**
14      *
15      * @return true if stack is empty.
16     */
17     boolean isEmpty();
18
19     /**
20      *
21      * @param e element/object to be inserted in the stack
22     */
23     void push(E e);
24
25     /**
26      * return does not remove, the last element in the stack
27      * @return the top object
28     */
29     E top();
30
31     /**
32      *
33      * @return and removed the last inserted element or null if list is empty.
34     */
35     E pop();
36
37 }
38
```