



AccountGenerator.java main.java FactorialTrace.java NonLinear.java Linear.java Employee.java StackDriver.java ×

```
1 package dj;
2 import java.util.ArrayList;
3
4 class GenericStackException extends RuntimeException {
5     public GenericStackException(String message) {
6         super(message);
7     }
8 }
9 class GenericStack<T> {
10     private ArrayList<T> items;
11     private int top;
12
13     public GenericStack() {
14         items = new ArrayList<>();
15         top = 0;
16     }
17     private boolean isEmpty() {
18         return top == 0;
19     }
20     public void push(T item) {
21         items.add(item);
22         top++;
23     }
24     public T pop() {
25         if (isEmpty()) {
26             throw new GenericStackException("Underflow Error");
27         }
28         return items.remove(--top);
```

Console ×

&lt;terminated&gt; StackDriver [Java Application] C:\Users\MAITHREYEE\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_22.0.2.v20240802-1626\jre\bin\javaw.exe (22 Aug 2024, 8:11:27 am – 8:11:28 am) [pid: 10928]

Popped: 4

Popped: 3

Popped: 2

Popped: 1

Underflow Error