

The screenshot shows an IDE with the following components:

- Package Explorer:** Shows the project structure with 'Demo7' and its nested classes 'dynamicTests()', 'Simple Test', 'Executable Class', 'Exception Executable', and 'Simple Test 2'.
- Runs:** Shows the test run results: 'Runs: 4/4', 'Errors: 1', 'Failures: 0'.
- Failure Trace:** Displays the stack trace for the failed test: 'java.lang.Exception: Exception Example' at 'com.simplilearn.JUnitDemo.Demo7.lambda\$1()'.
- Git Repositories:** Shows the local repository 'simplilearn_july_6'.
- Code Editor:** Contains the source code for 'Demo7.java' and 'MyExecutable.java'.

```
1 package com.simplilearn.JUnitDemo;
2
3 import static org.junit.jupiter.api.Assertions.assertTrue;
4 import static org.junit.jupiter.api.DynamicTest.dynamicTest;
5
6 import java.util.Arrays;
7 import java.util.Collection;
8
9 import org.junit.jupiter.api.DynamicTest;
10 import org.junit.jupiter.api.TestFactory;
11 import org.junit.jupiter.api.function.Executable;
12
13 public class Demo7 {
14
15     @TestFactory
16     public Collection<DynamicTest> dynamicTests() {
17         return Arrays.asList(
18             dynamicTest("Simple Test", () -> assertTrue(true)),
19             dynamicTest("Executable Class", new MyExecutable()),
20             dynamicTest("Exception Executable", () -> {throw new Exception(
21                 "Exception Example";
22             })),
23             dynamicTest("Simple Test 2", () -> assertTrue(true));
24         }
25     }
26
27     class MyExecutable implements Executable {
28         @Override
29         public void execute() {
30             System.out.println("Dynamic Test");
31         }
32     }
33 }
```