

```
1 // Harini. R 192324108
2 //JP section-5_1 question-1
3 package test;
4
5 import java.nio.file.FileSystems;
6 import java.nio.file.FileSystem;
7 import java.nio.file.Path;
8
9 public class PathTester {
10     public static void main(String[] args) {
11         FileSystem fileSystem = FileSystems.getDefault();
12         Path path = fileSystem.getPath("C:/JavaProgramming/employees.txt");
13         System.out.println("Constructed Path: " + path.toString());
14     }
15 }
16
```

Problems Javadoc Declaration Console × Coverage Error Log

<terminated> PathTester [Java Application] C:\Users\harin\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_22.0.1.v20240426-1149\jre\bin\javaw.exe

Constructed Path: C:\JavaProgramming\employees.txt

```
1 // Harini. R 192324108
2 //JP section-5_1 question-3
3 package test;
4
5 import java.io.File;
6 import java.io.FileReader;
7 import java.io.BufferedReader;
8 import java.io.IOException;
9 import java.io.FileNotFoundException;
10
11 public class StreamTester {
12     public static void main(String[] args) {
13         String filePath = "C:/JavaProgramming/employees.txt";
14         File file = new File(filePath);
15
16         BufferedReader bufferedReader = null;
17         try {
18             FileReader fileReader = new FileReader(file);
19             bufferedReader = new BufferedReader(fileReader);
20             String line;
21             while ((line = bufferedReader.readLine()) != null) {
22                 System.out.println(line);
23             }
24         } catch (FileNotFoundException e) {
25             System.out.println("File not found: " + filePath);
26         } catch (IOException e) {
27             System.out.println("Error reading file: " + e.getMessage());
28         } finally {
29             if (bufferedReader != null) {
30                 try {
31                     bufferedReader.close();
32                 } catch (IOException e) {
33                     System.out.println("Error closing BufferedReader: " + e.getMessage());
34                 }
35             }
36         }
37     }
38 }
```

Problems Javadoc Declaration Console × Coverage Error Log

<terminated> StreamTester [Java Application] C:\Users\harin\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_22.0.1.v20240426-1149\jre\bin\javaw.exe (22 Aug 2024, 9:54)

Harini
Priyal
Maithreyee
Dharshini
Jaya Harini
Sakthi
Abinaya
Sarshini