

Assignment: Write a Java program that reads an input file from the file system and outputs the content of the file character by character. Use `FileReader.read()` method to read characters from the file. At the end, print the total number of characters present in the file

Program:1

```
package File_Handlings;
import java.io.FileReader;
import java.io.IOException;
public class InputFile {

    public static void main(String[] args) {
        // Replace "your_file_path.txt" with the actual path of
your input file
        String filePath = "D:\\UdayKumar.txt";

        try (FileReader fileReader = new FileReader(filePath)) {
            int character;
            int totalCount = 0;

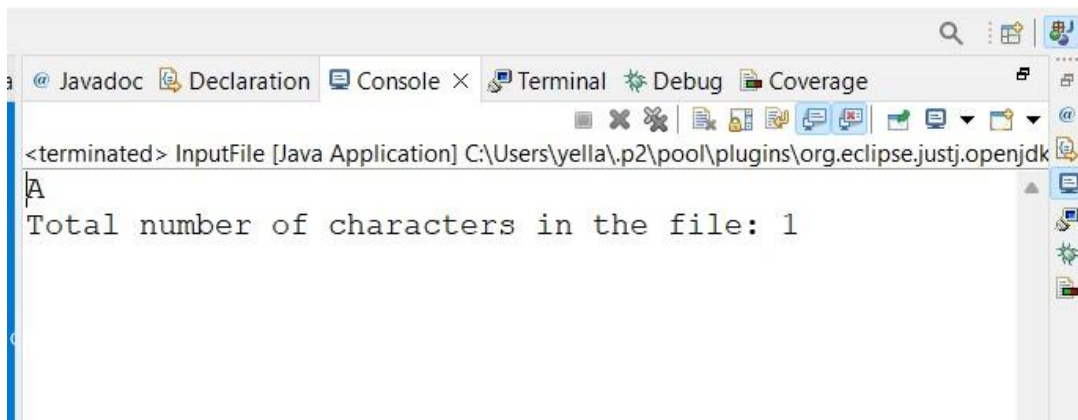
            while ((character = fileReader.read()) != -1) {
                // Process the character (you can do something with
it here)

                System.out.print((char) character);
                totalCount++;
            }

            System.out.println("\nTotal number of characters in the
file: " + totalCount);

        } catch (IOException e) {
            e.printStackTrace();
        }
    }
}
```

Output:



The screenshot shows the Eclipse IDE's console window. The title bar includes tabs for Javadoc, Declaration, Console, Terminal, Debug, and Coverage. The console output displays the message: `<terminated> InputFile [Java Application] C:\Users\yella\p2\pool\plugins\org.eclipse.justj.openjdk`. Below this, the character 'A' is entered on a new line, followed by the output: `Total number of characters in the file: 1`. The console window has a standard toolbar with icons for clearing, undo, redo, and other actions.

```
<terminated> InputFile [Java Application] C:\Users\yella\p2\pool\plugins\org.eclipse.justj.openjdk
A
Total number of characters in the file: 1
```