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Simplilearn_projects - Practice_Project_3.16/src/MyClass.java - Eclipse IDE
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MyClass.java Main.java
1 import java.io.*;
2
3 public class MyClass {
4     private String fileName;
5
6     public MyClass(String fileName) {
7         this.fileName = fileName;
8     }
9
10    public void writeToFile(String content) {
11        try (FileWriter writer = new FileWriter(fileName)) {
12            writer.write(content);
13            System.out.println("Successfully wrote to the file "+fileName);
14        } catch (IOException e) {
15            System.out.println("An error occurred while writing to the file.");
16            e.printStackTrace();
17        }
18    }
19
20    public String readFromFile() {
21        try (FileReader reader = new FileReader(fileName)) {
22            int character;
23            StringBuilder content = new StringBuilder();
24
25            while ((character = reader.read()) != -1) {
26                content.append((char) character);
27            }
28
29            System.out.println("File content: " + content);
30            return content.toString();
31        } catch (IOException e) {
32            System.out.println("An error occurred while reading the file.");
33            e.printStackTrace();
34            return null;
35        }
36    }
37
38    public void appendToFile(String content) {
39        try (FileWriter writer = new FileWriter(fileName, true)) {
40            writer.write("\n" + content);
41            System.out.println("Successfully appended to the file "+fileName);
42        } catch (IOException e) {
43            System.out.println("An error occurred while appending to the file.");
44            e.printStackTrace();
45        }
46    }
47 }
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Simplilearn_projects - Practice_Project_3.16/src/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
MyClass.java Main.java
1 import java.util.Scanner;
2
3 public class Main {
4     public static void main(String[] args) {
5
6         Scanner scanner = new Scanner(System.in);
7         System.out.print("Enter the file name: ");
8         String fileName = scanner.nextLine();
9
10        MyClass fileExample = new MyClass(fileName);
11
12        System.out.print("\nEnter the content to write: ");
13        String contentToWrite = scanner.nextLine();
14        fileExample.writeToFile(contentToWrite);
15
16        String fileContent = fileExample.readFromFile();
17        if (fileContent != null) {
18            System.out.println("\nFile content: \n" + fileContent);
19        }
20
21        System.out.print("\nEnter the content to append: ");
22        String contentToAppend = scanner.nextLine();
23        fileExample.appendToFile(contentToAppend);
24
25        scanner.close();
26
27        String fileContent1 = fileExample.readFromFile();
28        if (fileContent1 != null) {
29            System.out.println("\nFinal file content: \n" + fileContent1);
30        }
31    }
32 }
33 }
```