FILE IO ASSIGNMENT

```java
import java.io.File;
import java.io.FileWriter;
import java.io.FileReader;
import java.io.BufferedReader;
import java.io.IOException;

public class Main {
    public static void main(String[] args) {
        String filePath = "example.txt";

        // Check if the file already exists to avoid overwriting
        File file = new File(filePath);
        if (!file.exists()) {
            try (FileWriter fileWriter = new FileWriter(file)) {
                // Add 5 people names to the text file
                fileWriter.write("Sally\n");
                fileWriter.write("Gene\n");
                fileWriter.write("Henry\n");
                fileWriter.write("Missy\n");
                fileWriter.write("Marsha\n");
            } catch (IOException e) {
                e.printStackTrace();
            }
        }

        // Read from the file and print the names to the console
        try (BufferedReader bufferedReader = new BufferedReader(new FileReader(file))) {
            String line;
            while ((line = bufferedReader.readLine()) != null) {
                System.out.println(line.trim());
            }
        } catch (IOException e) {
            e.printStackTrace();
        }
    }
}
```

Project ⌄

Main.java   example.txt ✕

- ⌄ 📁 File IO Assignment C:\Users\stefa\IdeaProjects\File IO Assignment
  - › 📁 .idea
  - › 📁 out
  - ⌄ 📁 src
    - Ⓜ Main
  - ⊘ .gitignore
  - ≡ example.txt
  - 🖵 File IO Assignment.iml
- › 📚 External Libraries
- › ≡ Scratches and Consoles

```
1  Sally
2  Gene
3  Henry
4  Missy
5  Marsha
6
```

Run   Main ✕

```
"C:\Program Files\Java\jdk-17\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2024.2.0.2\lib\idea_rt.jar=60752:C:\Program Files\JetBrains\IntelliJ IDEA 2024.2.0.2\bin" -Dfile.encoding=UTF-8
Sally
Gene
Henry
Missy
Marsha

Process finished with exit code 0
```