```java
import java.io.File;
import java.io.FileWriter;
import java.io.IOException;
import java.nio.charset.StandardCharsets;
import java.nio.file.Files;
import java.nio.file.Path;
import java.nio.file.StandardOpenOption;
import java.util.List;
public class CreateFile {
    public static void main(String[] args) {


        try {
            File myObj = new File("myFile");
            if (myObj.createNewFile()) {
                System.out.println("File created: " + myObj.getName());
            } else {
                System.out.println("File already exists.");
            }
        } catch (IOException e) {
            System.out.println("An error occurred.");
            e.printStackTrace();
        }


                String filePath = "myFile";

                // Write to file
                writeToFile(filePath, "Hello, Ashish\n");
        updateFile(filePath, "Data is Updated!");

                // Read from file
                List<String> lines = readFromFile(filePath);
                System.out.println("File content:");
                for (String line : lines) {
                    System.out.println(line);
                }

                // Append to file
                appendToFile(filePath, "How are you.");

                // Read from file after appending
                lines = readFromFile(filePath);
                System.out.println("Updated file content:");
                for (String line : lines) {
                    System.out.println(line);
                }
        System.out.println(readFromFile("C:\\Users\\Manish
Kumar\\IdeaProjects\\PracticeProject\\myFile.txt"));
        deleteFile(filePath);
            }

            public static void writeToFile(String filePath, String content)
{
                try {
                    Files.writeString(Path.of(filePath), content,
StandardCharsets.UTF_8);
                    System.out.println("Successfully wrote to the file.");
                } catch (IOException e) {
                    System.err.println("An error occurred while writing to
the file: " + e.getMessage());
```

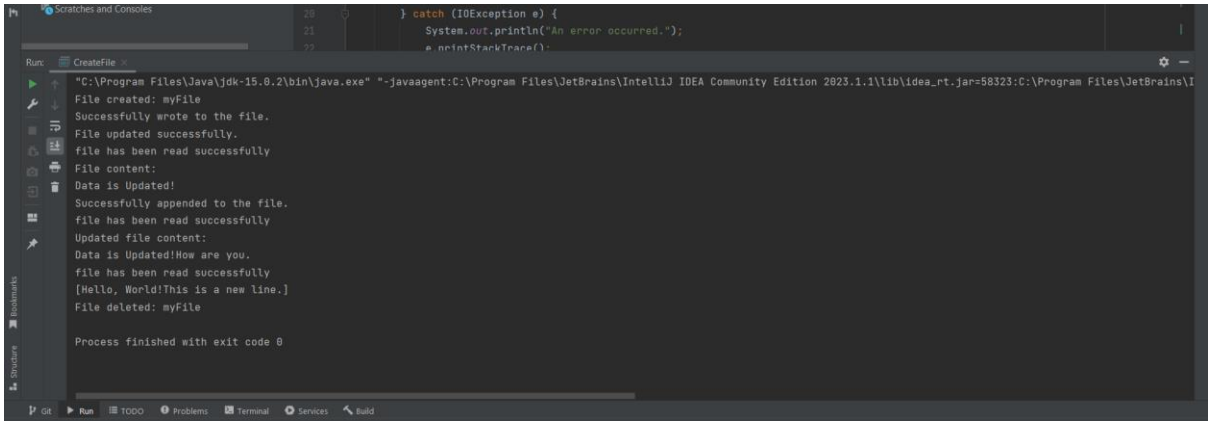
```
                }
            }

            public static List<String> readFromFile(String filePath) {
                try {
                    System.out.println("file has been read successfully");
                    return Files.readAllLines(Path.of(filePath),
StandardCharsets.UTF_8);


                } catch (IOException e) {
                    System.err.println("An error occurred while reading the
file: " + e.getMessage());
                }
                 return null;


            }
    public static void updateFile(String fileName, String newData) {
        try {
            FileWriter writer = new FileWriter(fileName);
            writer.write(newData);
            writer.close();
            System.out.println("File updated successfully.");
        } catch (IOException e) {
            System.out.println("An error occurred while updating the
file.");
            e.printStackTrace();
        }
    }

            public static void appendToFile(String filePath, String
content) {
                try {
                    Files.writeString(Path.of(filePath), content,
StandardCharsets.UTF_8, StandardOpenOption.APPEND);
                    System.out.println("Successfully appended to the
file.");
                } catch (IOException e) {
                    System.err.println("An error occurred while appending
to the file: " + e.getMessage());
                }
            }
    public static void deleteFile(String fileName) {
        File file = new File(fileName);
        if (file.delete()) {
            System.out.println("File deleted: " + file.getName());
        } else {
            System.out.println("Failed to delete the file.");
        }
    }
        }
```


Scratches and Consoles
} catch (IOException e) {
System.out.println("An error occurred.");
e.printStackTrace();
Run:
CreateFile
"C:\Program Files\Java\jdk-15.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2023.1.1\lib\idea_rt.jar=58323:C:\Program Files\JetBrains\I
File created: myFile
Successfully wrote to the file.
File updated successfully.
file has been read successfully
File content:
Data is Updated!
Successfully appended to the file.
file has been read successfully
Updated file content:
Data is Updated!How are you.
file has been read successfully
[Hello, World!This is a new line.]
File deleted: myFile
Process finished with exit code 0
Bookmarks
Structure
Git
Run
TODO
Problems
Terminal
Services
Build