

```
package Assignments;

import java.io.*;

public class File_handling {

    public static void main(String[] args) {

        String fileName = "Readme.txt";

        createFile(fileName);

        writeFile(fileName, "Hello world");

        String content = readFile(fileName);

        System.out.println("File content: " + content);

        // Update the file contents

        updateFile(fileName, "The file is updated");

        // Read and print the updated file content

        content = readFile(fileName);

        System.out.println("Updated file content: " + content);

        // Delete the file

        deleteFile(fileName);

    }
```

```
public static void createFile(String fileName) {  
  
    File file = new File(fileName);  
  
    try {  
  
        if (file.createNewFile()) {  
  
            System.out.println("File created: " + fileName);  
  
        } else {  
  
            System.out.println("File already exists: " + fileName);  
  
        }  
  
    } catch (IOException e) {  
  
        System.out.println("An error occurred while creating the file: " + e.getMessage());  
  
    }  
}
```

```
public static void writeFile(String fileName, String content) {  
  
    try (FileWriter writer = new FileWriter(fileName)) {  
  
        writer.write(content);  
  
        System.out.println("Content written to the file: " + fileName);  
  
    } catch (IOException e) {  
  
        System.out.println("An error occurred while writing to the file: " + e.getMessage());  
  
    }  
}
```

```
public static String readFile(String fileName) {  
  
    StringBuilder content = new StringBuilder();
```

```
try (BufferedReader reader = new BufferedReader(new FileReader(fileName))) {  
    String line;  
    while ((line = reader.readLine()) != null) {  
        content.append(line);  
    }  
} catch (IOException e) {  
    System.out.println("An error occurred while reading the file: " + e.getMessage());  
}  
return content.toString();  
}
```

```
public static void updateFile(String fileName, String newContent) {  
    try (FileWriter writer = new FileWriter(fileName)) {  
        writer.write(newContent);  
        System.out.println("File updated: " + fileName);  
    } catch (IOException e) {  
        System.out.println("An error occurred while updating the file: " + e.getMessage());  
    }  
}
```

```
public static void deleteFile(String fileName) {  
    File file = new File(fileName);  
    if (file.delete()) {  
        System.out.println("File deleted: " + fileName);  
    } else {
```

```
        System.out.println("Failed to delete the file: " + fileName);  
    }  
}  
}
```