

Phase-1 Practice Project: Assisted Practice

7. Writing a program in Java to create, read, update, and delete operations on the files in Java.

```
package Demo;

import java.io.File;
import java.io.FileWriter;
import java.io.IOException;
import java.util.Scanner;

public class FilesOperation {

    public static void main(String[] args) {

        File file = new File("example.txt");

        try {

            FileWriter writer = new FileWriter(file);
            writer.write("Hi, Sathwik Sreeramoju!");
            writer.close();

            Scanner scanner = new Scanner(file);
            System.out.println(scanner.nextLine());
            scanner.close();

            FileWriter writer2 = new FileWriter(file);
            writer2.write("Hi, updated Sathwik Sreeramoju!");
            writer2.close();

            Scanner scanner2 = new Scanner(file);
            System.out.println(scanner2.nextLine());
            scanner2.close();
```

```
        if (file.delete()) {  
            System.out.println("File deleted successfully.");  
        } else {  
            System.out.println("Failed to delete the file.");  
        }  
    } catch (IOException e) {  
        System.out.println("An error occurred: " + e.getMessage());  
    }  
}  
}
```

```
<terminated> FilesOperation [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  
Hi, Sathwik Sreeramoju!  
Hi, updated Sathwik Sreeramoju!  
File deleted successfully.
```