Institute of Computer Technology
B. Tech Computer Science and Engineering
Subject: OOP (2CSE303)
PRACTICAL-19

AIM: - Consider an efficient file handler system designed to write contents and read the same from a file, delete a specific statement based on the condition and it should
display a message as 'Deleted'. Incase of null value captured within the file, it should display an exception.
1. Write a file
2. Read the file using BufferedReader
3. if the string read is not null, append content if content equals to a particular word, delete the line and continue

SOLUTION
package practicals;

```
/**
 *
 * @author YashPrajapati
 */
import java.io.*;

public class prac19 {
    public static void main(String[] args) throws Exception {
        FileWriter fw = new FileWriter(
                "C:\\Users\\admin\\Google Drive\\B-Tech\\guni-sem3-
data\\SEM-3\\OOP\\OOP_Practicals\\Prac-19\\myFile.txt");
        BufferedWriter bw = new BufferedWriter(fw);
        bw.write("JAVA File Line 1\n");
        bw.write("JAVA File Line 2\n");
        bw.write("From Loop0\n");
        bw.write("From Loop1\n");
        bw.write("From Loop2\n");
        bw.write("From Loop3\n");
        bw.write("From Loop4\n");
        bw.close();
        fw.close();
```

```java
        FileReader fr = new FileReader(
                    "C:\\Users\\admin\\Google Drive\\B-Tech\\guni-sem3-
data\\SEM-3\\OOP\\OOP_Practicals\\Prac-19\\myFile.txt");
        BufferedReader br = new BufferedReader(fr);
        String s, w = "";

        while ((s = br.readLine()) != null) {
            if (s.equals("From Loop3")) {
                w = w + "deleted" + "\n";

            } else {
                w = w + s + "\n";
            }
        }
        System.out.print(w);
        br.close();
        fr.close();
        FileWriter fw1 = new FileWriter("C:\\Users\\admin\\Google
Drive\\B-Tech\\guni-sem3-data\\SEM-3\\OOP\\OOP_Practicals\\Prac-
19\\myFile.txt");
        BufferedWriter bw1 = new BufferedWriter(fw1);
        bw1.write(w);
        bw1.close();
        fw1.close();
    }
}
```

OUTPUT

```
Output - Practicals (run)
run:
JAVA File Line 1
JAVA File Line 2
From Loop0
From Loop1
From Loop2
deleted
From Loop4
BUILD SUCCESSFUL (total time: 0 seconds)
```

```
myFile.txt - Notepad
File  Edit  Format  View  Help
JAVA File Line 1
JAVA File Line 2
From Loop0
From Loop1
From Loop2
deleted
From Loop4
```