

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

**PRACTICAL-18**

**AIM: - A file handler system within an Operating system corresponding to file creation and manipulation should consists of the following features:**

- a. Verify whether a particular file exists, if it does display its absolute path, otherwise create a new File.**
- b. Input an array list within the file with names of students present within the session, along with printing the initial letter of your name.**

**SOLUTION**

```
import java.io.*;
import java.util.*;

public class p18 {
    public static void main(String[] args) {
        try {
            File f = new File(
                "C:\\Users\\admin\\Google Drive\\B-Tech\\guni-
sem3-data\\SEM-3\\OOP\\OOP_Practicals\\Prac-18\\p18_ques1.txt");
            if (f.exists()) {
                System.out.print("Mentioned File Exists.\n");
                System.out.print("It's absolute paths is:" +
f.getAbsolutePath() + "\n");
            } else {
                System.out.print("File Does Not Exists so creating new
file...\n");
                if (f.createNewFile()) {
                    System.out.print("File successfully created !!!\n");
                }
            }
            try (FileWriter fw = new FileWriter(f)) {
                ArrayList<String> al = new ArrayList<>();
                al.add("Yash Prajapati");
                al.add("Nitin Prajapati");
                al.add("Purav Shah");
                al.add("Jinay Shah");
            }
        }
    }
}
```

```
al.add("Ujval Patel");
for (String a : al) {
    if (a.equals("Yash Prajapati")) {
        System.out.print("Initial Letter of your name
is:" + a.charAt(0) + "\n");
    }
}
for (String s : al) {
    fw.write(s + "\n");
}
fw.close();
}
} catch (Exception e) {
    System.out.print(e);
}
}
```

## OUTPUT



