

Source Code OF JAVA Project --Virtual Key for Your Repositories

```
package com.simplilearn.app;

import java.io.File;
import java.io.IOException;
import java.util.ArrayList;
import java.util.Arrays;
import java.util.Scanner;

public class App {
    public static void createFile() throws IOException {
        Scanner sc = new Scanner(System.in);
        System.out.println("Please enter the name for the new File ");
        String name = sc.nextLine();
        File obj = new File(name + ".txt");
        if (obj.createNewFile()) System.out.println("File " + name + " Created Successfully");
        else System.out.println("File Already exists");
    }

    public static void deleteFile() throws IOException {
        Scanner sc = new Scanner(System.in);
        System.out.println("Please enter the name for Deleting the File from current Directory");
        String name = sc.nextLine();
        File obj = new File(name + ".txt");
        if (obj.delete()) System.out.println("File " + name + " Deleted Successfully");
        else System.out.println("File Does not exist");
    }

    public static void searchFile() throws IOException {
        Scanner sc = new Scanner(System.in);
        System.out.println("Please enter the name for Searching the file in the Directory");
        String name = sc.nextLine();
        File obj = new File(name + ".txt");
        if (obj.exists()) System.out.println("File " + name + " Exists in the Current Directory");
        else System.out.println("File Does not exist");
    }

    public static void main(String args[]) throws IOException {
        int input = 0;
        Scanner sc = new Scanner(System.in);
        Boolean doContinue = true;
        while(doContinue == true){
```

```

System.out.println("Welcome to the Virtual Key Repository");
System.out.println("Developer Name : Dipayan Mondal");
System.out.println("User Interactions :");
System.out.println("Press 1 to get the File Names from the Directory in
Sorted Manner");
System.out.println("Press 2 For Business level Operations");
System.out.println("Press 3 to Close the Application");
input = sc.nextInt();
switch (input) {

    case 1:
        System.out.println("File Names from the current Directory");
        File folder = new File("C:\\Users\\DIPAYAN\\Simplilearn
Project\\Virtual Key for Your Repositories");
        File[] listOfFiles = folder.listFiles();
        int count = folder.list().length;
        for (int i = 0; i < count; i++) {
            if (listOfFiles[i].isFile()) {
                System.out.println(listOfFiles[i].getName());
            } else if (listOfFiles[i].isDirectory()) {
                System.out.println(listOfFiles[i].getName());
            }
        }
        break;

    case 2:
        System.out.println("Business level Operations");
        int bloInput;
        Boolean doCon = true;
        while(doCon == true)
        {
            System.out.println("Enter 1 For Creating a new File in the current
Directory");
            System.out.println("Enter 2 For Deleting a File from the current
Directory");
            System.out.println("Enter 3 For Searching a File in the current
Directory");
            System.out.println("Enter 4 To Go back to main menu");
            bloInput = sc.nextInt();
            String name;
            switch (bloInput) {

                case 1:
                    createFile();
                    break;

                case 2:
                    deleteFile();
                    break;

                case 3:
                    searchFile();
                    break;

                case 4:

```

```
        System.out.println("Redirecting to the main menu");
        doCon = false;
        break;
    }
}
break;

case 3:
    System.out.println("Closing the Application");
    doContinue = false;
    System.exit(0);

default:
    System.out.println("Please Enter a valid option");
    break;
}
}
}
```