Source Code

**import** java.io.File;

**import** java.io.FileReader;

**import** java.io.FileWriter;

**import** java.io.IOException;

**import** java.util.Scanner;

**class** Cr1

{

**static** **void** Display() **throws** IOException {

String path="C:\\Users\\Muthu Kumar\\OneDrive\\Desktop\\phase-1\\";

File f=**new** File(path);

File filenames[]=f.listFiles();

**for**(File ff:filenames) {

System.***out***.println(ff.getName());

}

}

**static** **void** Create() **throws** IOException

{

String path="C:\\Users\\Muthu Kumar\\OneDrive\\Desktop\\phase-1\\";

Scanner s=**new** Scanner(System.***in***);

System.***out***.println("Enter the name of the file");

String filename=s.next();

String folderpath;

folderpath=path+filename;

File f=**new** File(folderpath);

**boolean** b=f.createNewFile();

**if**(b != **true**)

{

System.***out***.println("File does not exists");

}

**else**

System.***out***.println("File exists");

}

**void** Read1() **throws** IOException {

String path="C:\\Users\\Muthu Kumar\\OneDrive\\Desktop\\phase-1\\";

System.***out***.println("Enter the file to be read");

Scanner b=**new** Scanner(System.***in***);

String name=b.next();

String finals=path+name;

System.***out***.println(finals);

FileReader f=**new** FileReader(finals);

**if**(f!=**null**) {

System.***out***.println("File exists");

System.***out***.println("The contents are: ");

**int** i=0;

//-1 is EOF

**while**((i=f.read())!=-1){

System.***out***.print((**char**)i);

}

f.close();

}

}

**static** **void** Write1() **throws** IOException{

Scanner s=**new** Scanner(System.***in***);

String path="C:\\Users\\Muthu Kumar\\OneDrive\\Desktop\\phase-1\\file1";

FileWriter f=**new** FileWriter(path);

System.***out***.println("Enter the subject to be written in the file");

String i=s.nextLine();

**byte** b[]= i.getBytes();

f.write(i);

System.***out***.println("The required content is written in the file");

f.close();

}

**static** **void** Search1() **throws** IOException{

System.***out***.println("enter the filename to search ");

Scanner sc=**new** Scanner(System.***in***);

String path ="C:\\Users\\Muthu Kumar\\OneDrive\\Desktop\\phase-1\\";

String filename3=sc.next();

File f=**new** File(path);

**int** flag=0;

File filenames[]=f.listFiles();

**for**(File ff:filenames) {

**if**(ff.getName().equals(filename3))

{

flag=1;

**break**;

}

**else** {

flag=0;

}

}

**if**(flag==1) {

System.***out***.println("file is found");

}

**else** {

System.***out***.println("file is not found");

}

}

**static** **void** Del() **throws** IOException {

String path="C:\\Users\\Muthu Kumar\\OneDrive\\Desktop\\phase-1\\";

Scanner sc=**new** Scanner(System.***in***);

System.***out***.println("enter the filename");

String filename=sc.next();

String finalpath=path+filename;

File f=**new** File(finalpath);

//delete operation

f.delete();

System.***out***.println("file gets deleted");

}

}

**public** **class** File\_Project {

**public** **static** **void** main(String[] args) **throws** IOException{

Scanner s=**new** Scanner(System.***in***);

Cr1 a=**new** Cr1();

**while**(**true**) {

System.***out***.println("Enter the main switch option:\n 1)display the files\n 2)Goto switch case\n 3)exit");

**int** option1=s.nextInt();

**switch**(option1)

{

**case** 1:a.*Display*();

**break**;

**case** 2:**while**(**true**) {

System.***out***.println(" Enter the option\n" +"Option 1:Create\n"+"Option 2:Read\n"+"Option 3:Write\n"+"Option 4:Search\n"+"Option 5:Delete\n"+"Option 6:Exit\n");

**int** option2 =s.nextInt();

**switch**(option2)

{

**case** 1:a.*Create*();**break**;

**case** 2:a.Read1();**break**;

**case** 3:a.*Write1*();**break**;

**case** 4:a.*Search1*();**break**;

**case** 5:a.*Del*();**break**;

**case** 6:System.*exit*(0);

}

}

**case** 3:System.*exit*(0);

}

}

}}