**package** com;

**import** java.io.File;

**import** java.io.IOException;

**import** java.util.Arrays;

**public** **class** FileManager {

**private** String[] arrfiles;

File directory = **new** File("C:\\Users\\Sinalo Sesimani\\Desktop\\my\_files");

**public** **void** display\_Files(){

arrfiles = directory.list();

Arrays.*sort*(arrfiles);

System.***out***.println("files");

**for**(**int** x = 0; x <arrfiles.length; x ++) {

System.***out***.println(arrfiles[x]);

}

}

**public** **void** searchfile(String filename) {

File searchfile = **new** File(directory+"\\"+filename);

**if**(searchfile.exists()) {

System.***out***.println("file exist");

} **else** {

System.***out***.println("file does not exist");

}

}

**public** **void** createnewfile(String filename)**throws** IOException {

File newfile = **new** File(directory+"\\"+filename);

**if** (newfile.exists()) {

System.***out***.println("file already exist");

}**else** {

newfile.createNewFile();

System.***out***.println("file created succesfully");

}

}

**public** **void** delete(String filename)**throws** IOException{

File deletedfile = **new** File(directory+"\\"+filename);

**if** (deletedfile.exists()) {

deletedfile.delete();

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

}**else** {

System.***out***.println("file does not exist");

}

}

}

**package** com;

**import** java.util.Scanner;

**public** **class** FileTest {

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

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

**int** option = 0;

String filename;

FileManager objFile = **new** FileManager();

**if** (objFile.directory.exists()) {

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

}**else** {

System.***out***.println("no");

objFile.directory.mkdir();

}

System.***out***.println("Hello this application is made by Sinalo Sesimani");

System.***out***.println("file manager");

**do** {

System.***out***.println("main menu");

System.***out***.println("option 1: display all files");

System.***out***.println("option 2: view more options");

System.***out***.println("option 3: quite application");

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

**try** {

System.***out***.println("enter your option");

option = input.nextInt();

**if** (option == 1) {

objFile.display\_Files();

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

System.***in***.read();

}**else** **if** (option == 2 ) {

**int** suboption;

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

System.***out***.println("option 1: add a new file ");

System.***out***.println("option 2: delete file ");

System.***out***.println("option 3: search file ");

System.***out***.println("option 4: main menu ");

System.***out***.println("enter your option");

suboption = input.nextInt();

**if** (suboption == 1 ) {

System.***out***.println("enter file name");

filename = input.next();

objFile.createnewfile(filename);

System.***in***.read();

}**else** **if** (suboption == 2) {

System.***out***.println("enter the file you want to delete");

filename = input.next();

objFile.delete(filename);

System.***in***.read();

}**else** **if** (suboption == 3) {

System.***out***.println("enter the file you want to search");

filename = input.next();

objFile.searchfile(filename);

System.***in***.read();

}**else** {

**continue**;

}

}

} **catch** (Exception e) {

System.***out***.println(e.toString());

}

} **while** (option != 3);

System.***out***.println("application closed");

}

}