Advance Programming - CPIT305

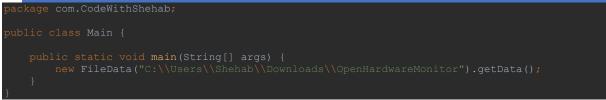
HOMEWORK_1

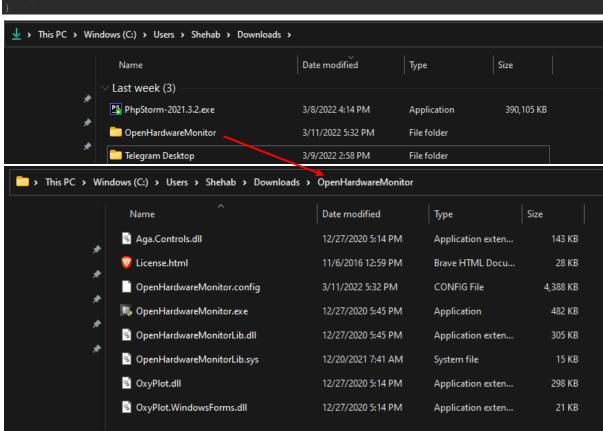
Shehab

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1- MAIN CLASS





Main class with the files that the program will execute on.

Note: Project has been created using Intellij idea not NetBeans so it might not be executable on NetBeans.

1- FILEDATA CLASS

```
oackage com.CodeWithShehab;
```

This class has 2 fields

1- FILE OBJECT

To store the path

2- BASICFILEATTRIBUTES OBJECT

Because this class can bring (Creation time, Last access time, Last modified time) of the file/directory. The output for each file will be at the <u>output section</u> at the end document.

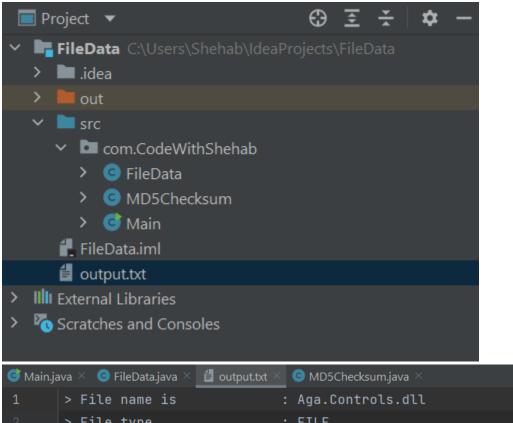
getData() -> One method only to bring the data.

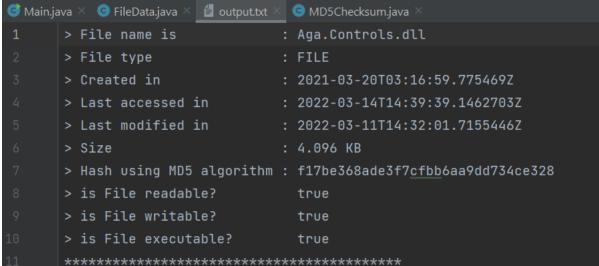
3- MD5CHECHSUM CLASS

```
oackage com.CodeWithShehab;
```

This class I've found it on <u>Stackoverflow</u> website it does calculate the hash using MD5 algorithm, I haven't change much in it I just managed the exceptions.

4- OUTPUT





The output will be saved in a text file inside the project using PrintWriter Object.

Thanks.

5- REFRENCE

 $1- \underline{ \ \ \, \underline{ https://stackoverflow.com/questions/304268/getting-a-files-md5-checksum-in-java} \, Accessed \, date: 13/3/2022$