Jacoba, Gian Lloyd
Marzan, Athenie Andrei

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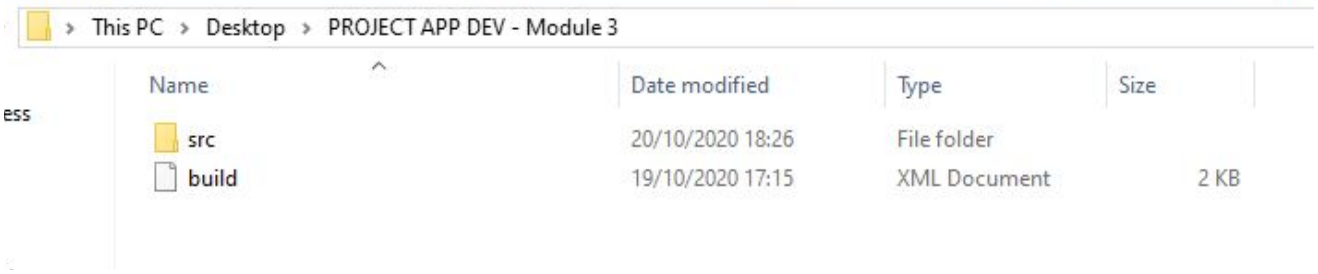
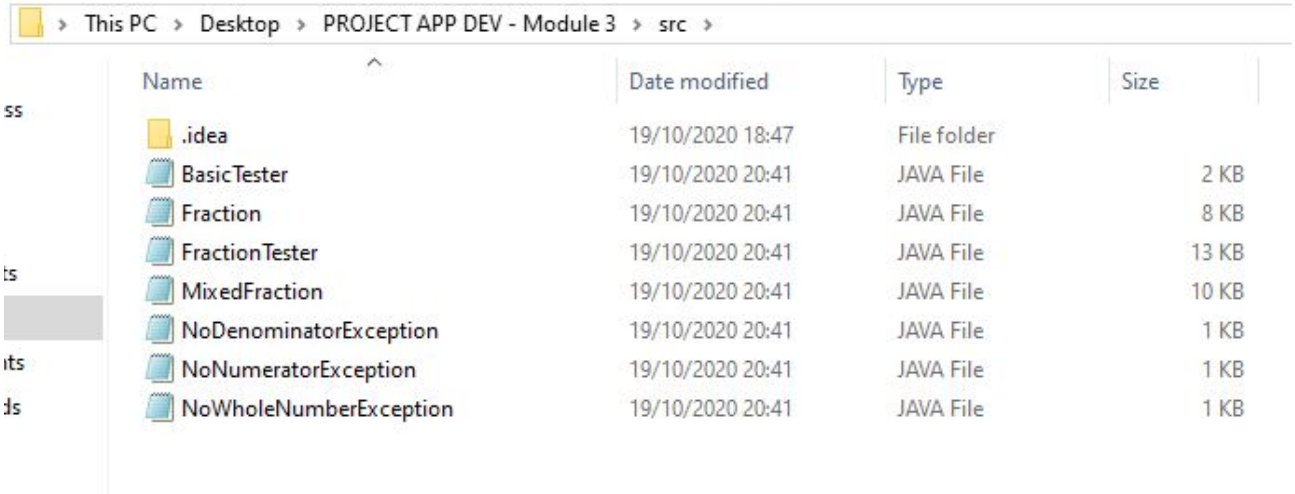
IT 311 9372



Directory Screenshot 1

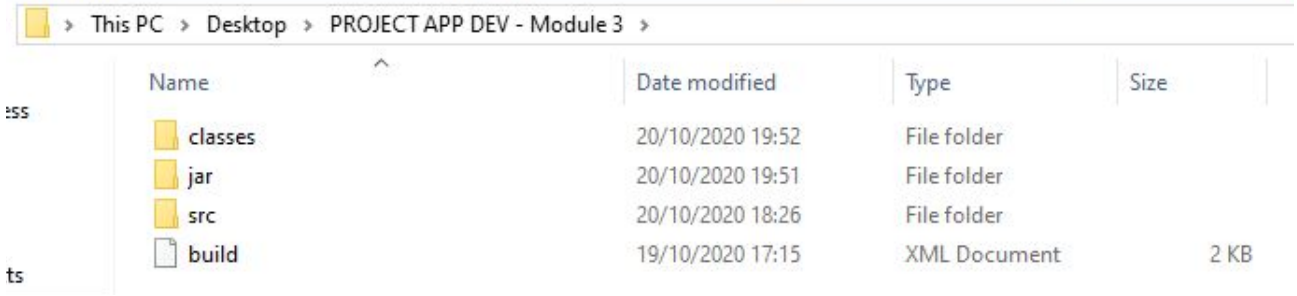


SRC Folder Screenshot

This is where the build.xml and java classes are located. These are only the ones who are inside the Directory before running the script.

```
C:\Users\User>cd desktop

C:\Users\User\Desktop>cd project app dev - module 3

C:\Users\User\Desktop\PROJECT APP DEV - Module 3>ant
Buildfile: C:\Users\User\Desktop\PROJECT APP DEV - Module 3\build.xml

clean:

init:
    [mkdir] Created dir: C:\Users\User\Desktop\PROJECT APP DEV - Module 3\classes
    [mkdir] Created dir: C:\Users\User\Desktop\PROJECT APP DEV - Module 3\jar

compile:
    [input] Please enter the directory of the Java file
```

Command Prompt Screenshot 1



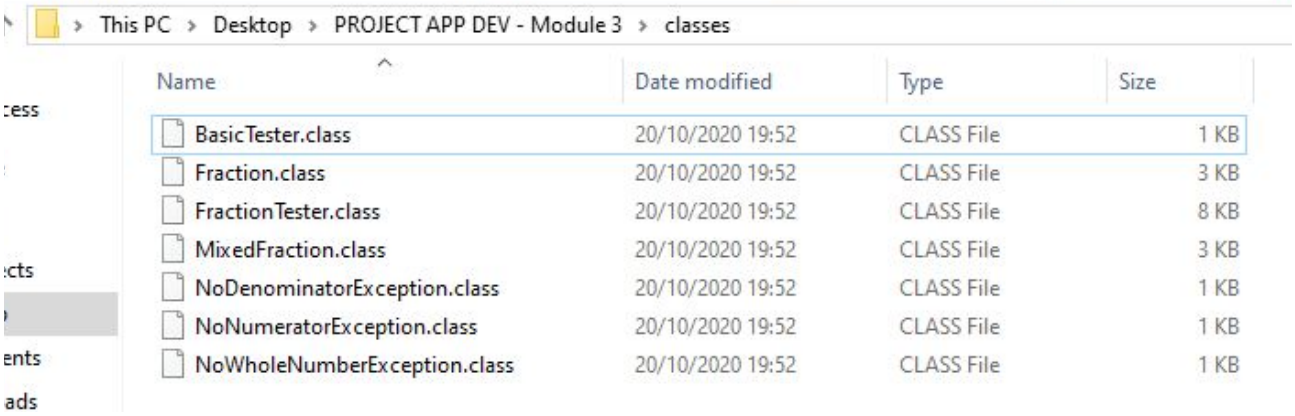
Directory Screenshot 2

Now we run the build.xml in the command prompt and here we see that it created new directories which are the classes and jar directories. After that it asks for the user to enter the directory of the Java file to compile.

```
compile:
    [input] Please enter the directory of the Java file
src
    [javac] Compiling 7 source files to C:\Users\User\Desktop\PROJECT APP DEV - Module 3\classes

BUILD SUCCESSFUL
Total time: 1 minute 8 seconds

C:\Users\User\Desktop\PROJECT APP DEV - Module 3>
```

Command Prompt Screenshot 2

After entering the directory which is “src” it then proceeds to compiling it.

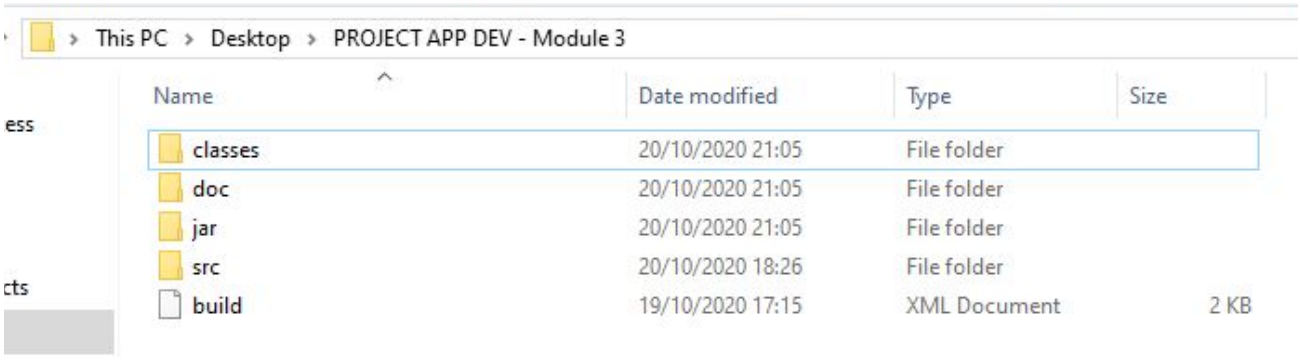


Directory Screenshot 3

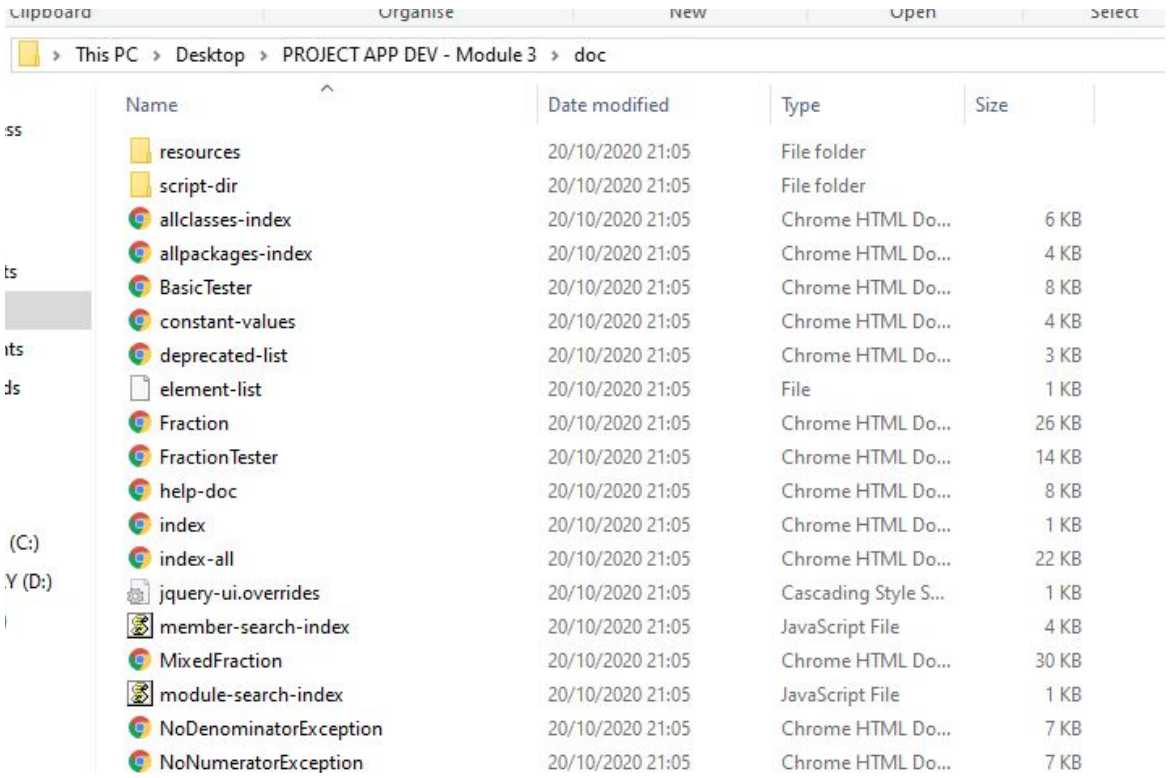
As you can see in the image above the compiled classes are now saved in a separate directory called classes.

```
C:\Users\User\Desktop\PROJECT APP DEV - Module 3>ant doc
Buildfile: C:\Users\User\Desktop\PROJECT APP DEV - Module 3\build.xml

clean:

init:
    [mkdir] Created dir: C:\Users\User\Desktop\PROJECT APP DEV - Module 3\classes
    [mkdir] Created dir: C:\Users\User\Desktop\PROJECT APP DEV - Module 3\jar

compile:
    [input] Please enter the directory of the Java file
src
    [javac] Compiling 7 source files to C:\Users\User\Desktop\PROJECT APP DEV - Module 3\classes

doc:
  [javadoc] C:\Users\User\Desktop\PROJECT APP DEV - Module 3\src contains source files in the default package, you must specify them as source files not packages.
  [javadoc] Generating Javadoc
  [javadoc] Javadoc execution
  [javadoc] Loading source file C:\Users\User\Desktop\PROJECT APP DEV - Module 3\src\BasicTester.java...
  [javadoc] Loading source file C:\Users\User\Desktop\PROJECT APP DEV - Module 3\src\Fraction.java...
  [javadoc] Loading source file C:\Users\User\Desktop\PROJECT APP DEV - Module 3\src\FractionTester.java...
  [javadoc] Loading source file C:\Users\User\Desktop\PROJECT APP DEV - Module 3\src\MixedFraction.java...
  [javadoc] Loading source file C:\Users\User\Desktop\PROJECT APP DEV - Module 3\src\NoDenominatorException.java...
  [javadoc] Loading source file C:\Users\User\Desktop\PROJECT APP DEV - Module 3\src\NoNumeratorException.java...
  [javadoc] Loading source file C:\Users\User\Desktop\PROJECT APP DEV - Module 3\src\NoWholeNumberException.java...
  [javadoc] Constructing Javadoc information...
```

Command Prompt Screenshot 3



Directory Screenshot 4

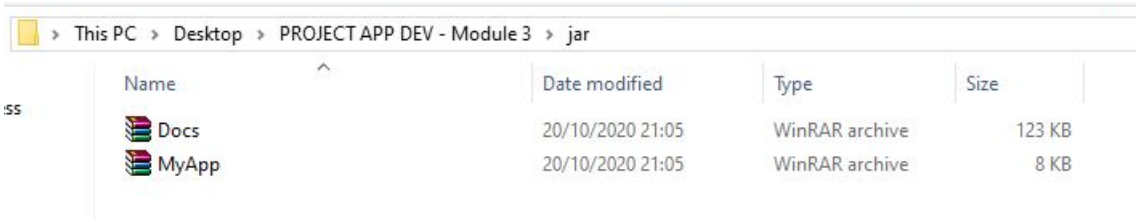


Doc Folder Screenshot

Now we entered “ant doc” to make a new directory called doc, and inside the folder doc it will now contain all the necessary html and supporting directories that are used in this project.

```
C:\Users\User\Desktop\PROJECT APP DEV - Module 3>ant jar
Buildfile: C:\Users\User\Desktop\PROJECT APP DEV - Module 3\build.xml

clean:

init:
    [mkdir] Created dir: C:\Users\User\Desktop\PROJECT APP DEV - Module 3\classes
    [mkdir] Created dir: C:\Users\User\Desktop\PROJECT APP DEV - Module 3\jar

compile:
    [input] Please enter the directory of the Java file
src
    [javac] Compiling 7 source files to C:\Users\User\Desktop\PROJECT APP DEV - Module 3\classes

doc:
  [javadoc] C:\Users\User\Desktop\PROJECT APP DEV - Module 3\src contains source files in the default package, you must specify them as source files not packages.
  [javadoc] Generating Javadoc
  [javadoc] Javadoc execution
  [javadoc] Loading source file C:\Users\User\Desktop\PROJECT APP DEV - Module 3\src\BasicTester.java...
  [javadoc] Loading source file C:\Users\User\Desktop\PROJECT APP DEV - Module 3\src\Fraction.java...
  [javadoc] Loading source file C:\Users\User\Desktop\PROJECT APP DEV - Module 3\src\FractionTester.java...
  [javadoc] Loading source file C:\Users\User\Desktop\PROJECT APP DEV - Module 3\src\MixedFraction.java...
  [javadoc] Loading source file C:\Users\User\Desktop\PROJECT APP DEV - Module 3\src\NoDenominatorException.java...
  [javadoc] Loading source file C:\Users\User\Desktop\PROJECT APP DEV - Module 3\src\NoNumeratorException.java...
  [javadoc] Loading source file C:\Users\User\Desktop\PROJECT APP DEV - Module 3\src\NoWholeNumberException.java...
  [javadoc] Constructing Javadoc information...
```

Command Prompt Screenshot 4



Jar Folder Screenshot

For the Java Archives files, we entered “ant jar” to generate the compiled classes and the documentation of the classes.

```
C:\Users\User\Desktop\PROJECT APP DEV - Module 3>ant clean
Buildfile: C:\Users\User\Desktop\PROJECT APP DEV - Module 3\build.xml

clean:

BUILD SUCCESSFUL
Total time: 1 second
```

Command Prompt Screenshot 5

Now that the compile and build are now successful and done we now entered ant clean to make the directory go back to what it was before.