BRM LAB

LAB 8

1st APRIL

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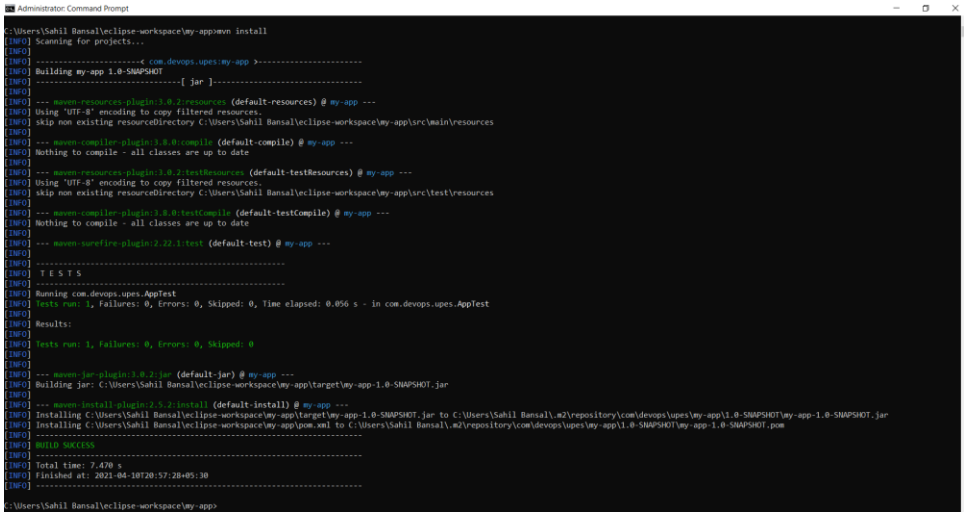
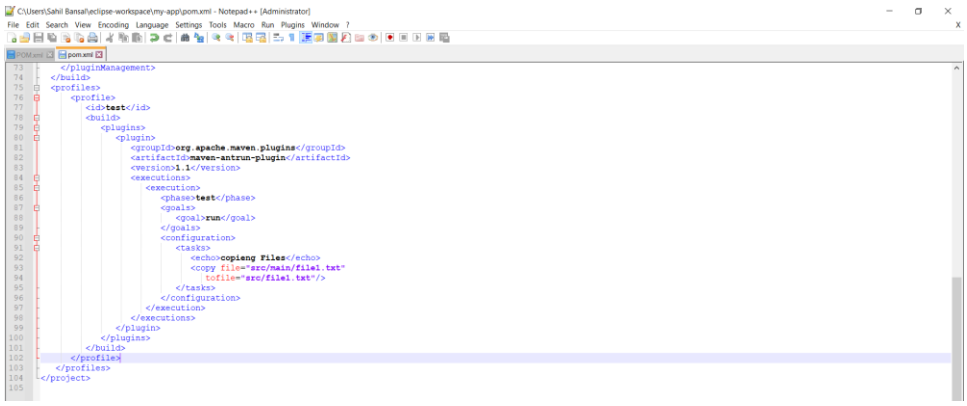
DevOps 2nd Year

Aim: *Build Profile Using Maven*

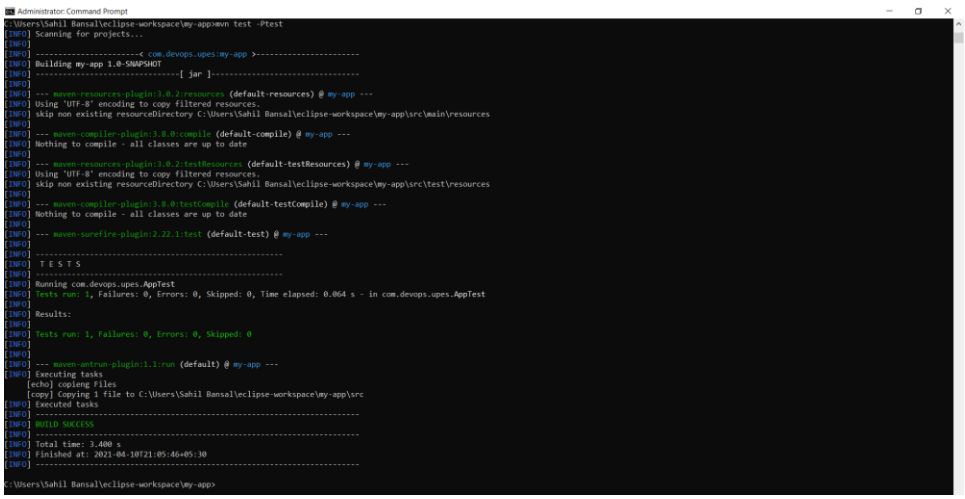
→Run maven install to check if the project is working correctly.



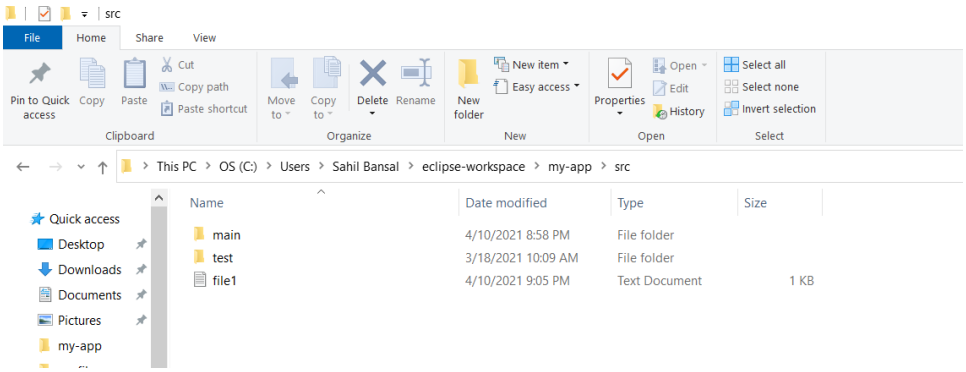
→Editing pom.xml file to add the profile



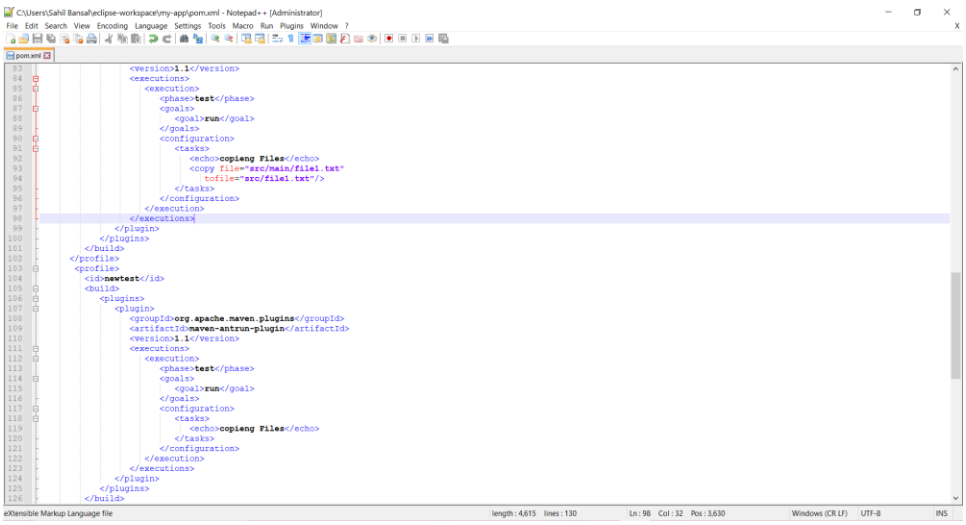
→Running the command mvn test -Ptest



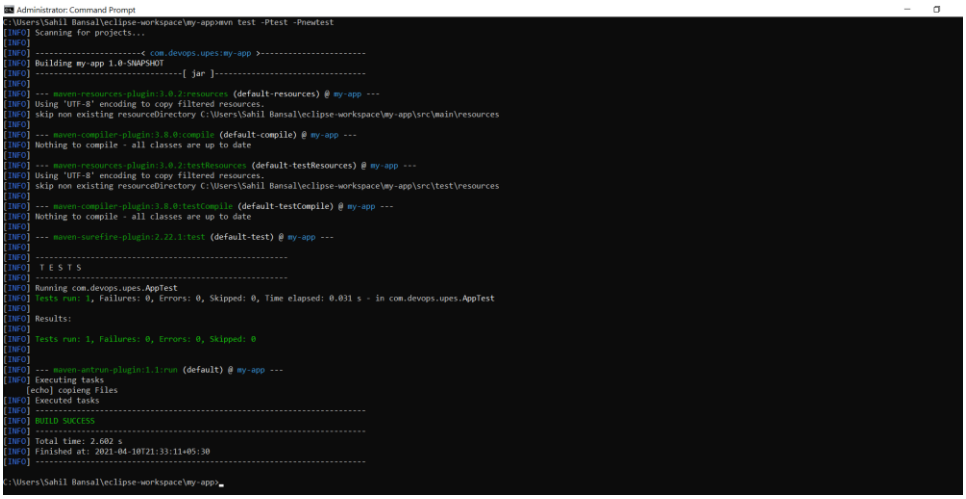
- **We get build success**
- **We get an echo message saying "copieng files"**
- **The file is also copied to the src folder.**



→Adding two profiles, test and newtest. test is used for coping files and newtest is used for displaying a message.



→Running the command mvn test -Ptest -Pnewtest



- **We get build success**
- **We get an echo message saying "copieng files" through the newtest profile**
- **The file is also copied to the src folder which is done using the test profile**

→Adding our profiles as active profiles in %USER_HOME%/.m2/ setting.xml

C:\Users\Sahil Bansal\.m2\setting.xml - Notepad++ [Administrator]

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

pom.xml setting.xml

```
<settings xmlns = "http://maven.apache.org/POM/4.0.0"
   xmlns:xsi = "http://www.w3.org/2001/XMLSchema-instance"
   xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
   http://maven.apache.org/xsd/settings-1.0.0.xsd">
   <servers>
   <server>
   <id>abc</id>
   <username>
    <activeProfiles>admin</username>
    <password>admin123</password>
    <server>
    </servers>
      <activeProfile>test</activeProfile>
   <activeProfile>newtest</activeProfile>
    </activeProfiles>
</settings>
```

→Running maven test, which will automatically run our active profiles

Administrator: Command Prompt

```
C:\Users\Sahil Bansal\eclipse-workspace\my-app>mvn test
[INFO] Scanning for projects...
[INFO]
[INFO] ----------------------< com.devops.upes:my-app >----------------------
[INFO] Building my-app 1.0-SNAPSHOT
[INFO] --------------------------------[ jar ]---------------------------------
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:resources (default-resources) @ my-app ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory C:\Users\Sahil Bansal\eclipse-workspace\my-app\src\main\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.0:compile (default-compile) @ my-app ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:testResources (default-testResources) @ my-app ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory C:\Users\Sahil Bansal\eclipse-workspace\my-app\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.0:testCompile (default-testCompile) @ my-app ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-surefire-plugin:2.22.1:test (default-test) @ my-app ---
[INFO]
[INFO] -------------------------------------------------------
[INFO]  T E S T S
[INFO] -------------------------------------------------------
[INFO] Running com.devops.upes.AppTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.034 s - in com.devops.upes.AppTest
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time: 2.112 s
[INFO] Finished at: 2021-04-10T21:46:28+05:30
[INFO] ------------------------------------------------------------------------

C:\Users\Sahil Bansal\eclipse-workspace\my-app>
```