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# BUILD RELEASE AND MANAGEMENT LAB FILE

# Submitted By-

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**Branch-** B. Tech CSE DevOps (2019-2023)

##### SEMESTER-IV

**Submitted to-**



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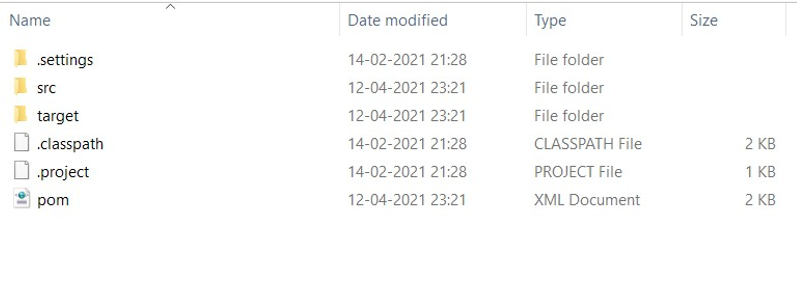
BUILD AND RELEASE MANAGEMENT LAB FILE

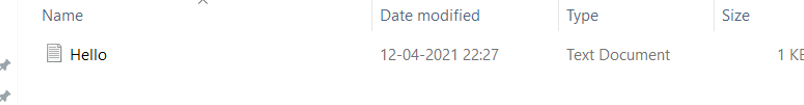
**Experiment 8**

# AIM :

Create Build profile using Maven in both project and user type.

# SOLUTION :

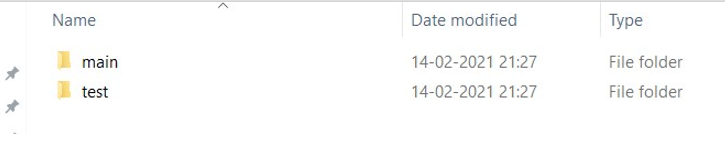
* Project overview.
* Creating ‘hello.txt’ in ‘src/main/resources’ folder.



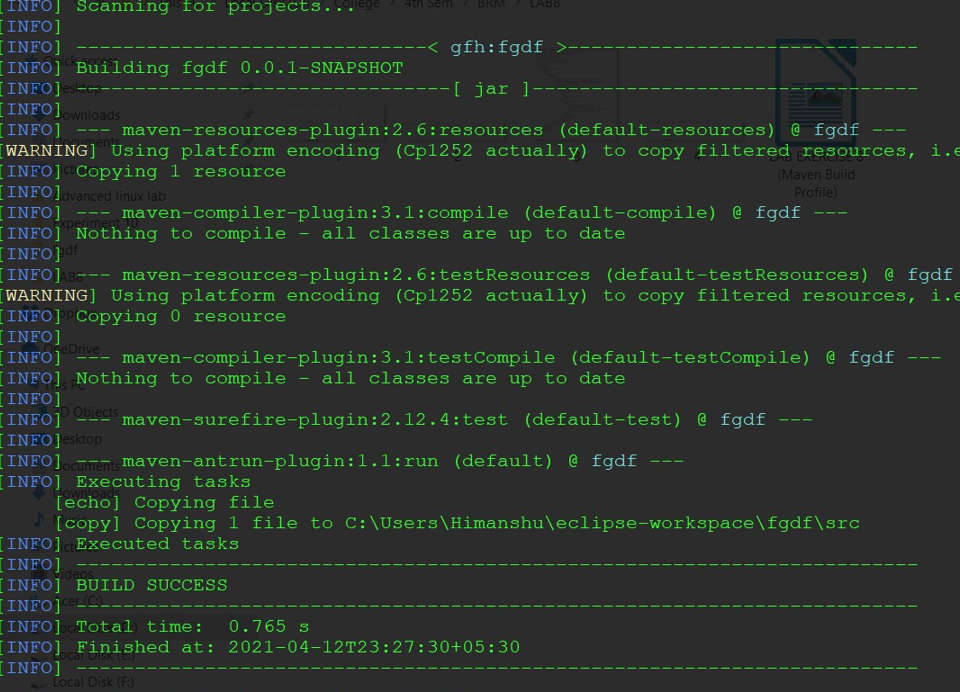
* Modifying ‘POM.xml’ by creating ‘Himanshu’ build profile.In which task is to copy ‘Hello.txt’ from ‘src/main/resources/Hello.txt’ to ‘src/CopiedHello.txt’ and print ‘Copying file’ message.



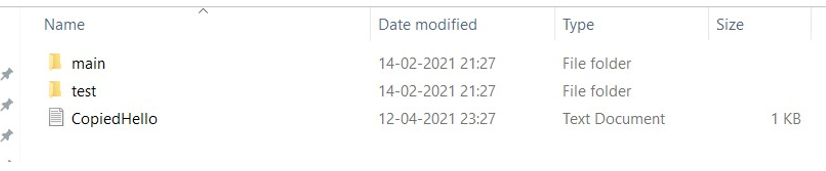
* The ‘src’ folder before running the ‘mvn test -PHimanshu’ command.



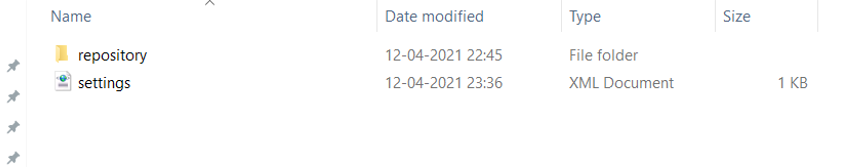
* Running the ‘mvn test -PHimanshu’ in command prompt with path set to project.



* The ‘src’ folder after running the ‘mvn test -PHimanshu’ command.



* The .m2 folder containing ‘settings.xml’ file.



* Modifying ‘settings.xml’ file to create active build profiles ‘Himanshu’ and ‘Ragnar’. ‘Ragnar’ profile is not defined in the ‘POM.xml’ file of the project.

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|  |  |  |
| --- | --- | --- |
| I | ‹artifactId›myplugin‹/artifactId› |  |
| I | ‹configuration› |
| I | ‹tomcatLocation›$(tomcatPath}‹/tomcatLocation› |
| I | ‹/configuration› |
| I | NOTE: If you just wanted to inject this configuration | whenev+ |
| I | anything, you could just leave off the ‹value/› | inside |



‹/plugin›



‹profile›

‹1d›env- dev‹/1d›

‹activation›

‹property›

‹name›target-env‹/name›

‹value›dev‹/value›

‹/property›

‹/activation›

‹properties›

‹tomcatPath›/path/to/tomcat/instances/tomcatPath›

‹/properties›

‹/profile›

‹/profiles›

‹!-- activeProfiles

I List of profiles that are active for all builds.

‹activeProfiles›

‹activeProfile›alwaysActiveProfile‹/activeProfile›

‹activeProfile›anotherAlwaysActiveProfile‹/activeProfile›

‹/activeProfiles›

‹activeProfiles›

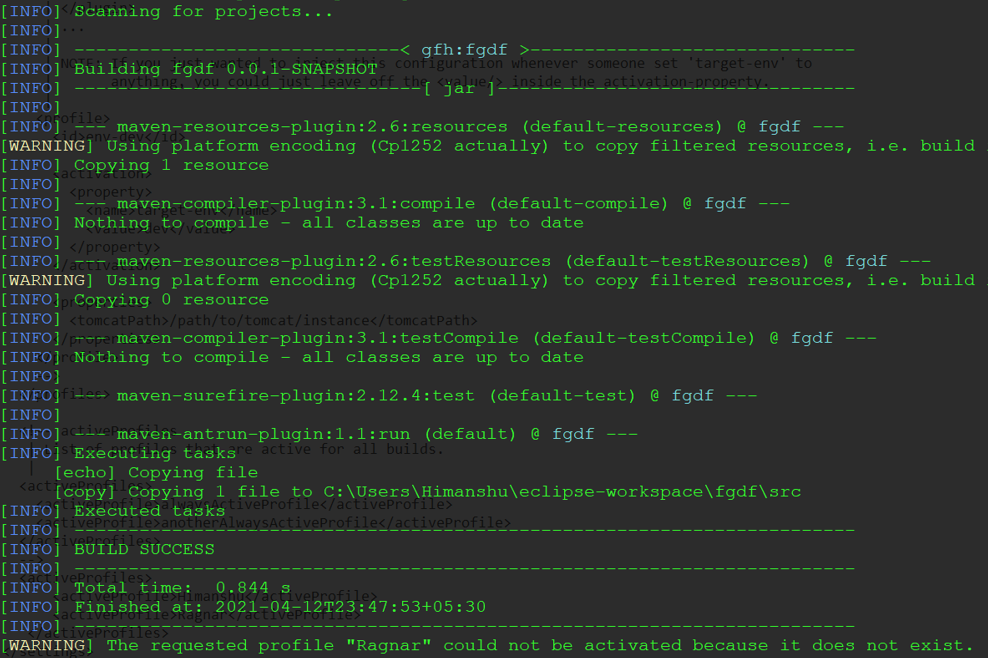
‹activeProfile›AMAN‹/activeProfile›

‹activeProfile›Ragnar‹/activeProfile›

‹/activeProfiles›

‹/settings›

* Running ‘mvn test’ in command prompt with path set to project.Notice,we don’t need to use

*-P<profile>* option for running the build profile and also the warning message of ‘Ragnar’ profile.