LAB EXPERIMENT 8

Aim: Build Profile using Maven

Create a maven project and edit pom.xml

```xml
BRM_LAB-8_2021/pom.xml
1 <project 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 https:
2     <modelVersion>4.0.0</modelVersion>
3     <groupId>upes.cse.devops</groupId>
4     <artifactId>BRM_LAB-8_2021</artifactId>
5     <version>0.0.1-SNAPSHOT</version>
6     <profiles>
7         <profile>
8             <id>test</id>
9             <build>
10                <plugins>
11                    <plugin>
12                        <groupId>org.apache.maven.plugins</groupId>
13                        <artifactId>maven-antrun-plugin</artifactId>
14                        <version>1.1</version>
15                        <executions>
16                            <execution>
17                                <phase>test</phase>
18                                <goals>
19                                    <goal>run</goal>
20                                </goals>
21                                <configuration>
22                                    <tasks>
23                                        <echo>Using env.test.properties</echo>
24                                        <copy file="src/main/resources/file2.txt"
25                                            tofile="${project.build.outputDirectory}/file1.txt"/>
26                                    </tasks>
27                                </configuration>
28                            </execution>
29                        </executions>
30                    </plugin>
31                </plugins>
32            </build>
33        </profile>
34    </profiles>
35 </project>
```

In the folder src/main create a file

> This PC > Windows (C:) > Users > Pranit Gupta > eclipse-workspace > BRM_LAB-8_2021 > src > main

Name	Date modified	Type	Size
java	01-04-2021 10:09	File folder	
resources	30-04-2021 16:00	File folder	
file1	30-04-2021 16:00	Text Document	0 KB

In the folder src/main/resources create another file

Name	Date modified	Type	Size
📄 file2	01-04-2021 10:15	Text Document	0 KB

Open Command Prompt which to the folder having your maven Project and execute the following command as shown in picture to get Build Success.

```
Command Prompt
Microsoft Windows [Version 10.0.19041.928]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Pranit Gupta>cd C:\Users\Pranit Gupta\eclipse-workspace\BRM_LAB-8_2021

C:\Users\Pranit Gupta\eclipse-workspace\BRM_LAB-8_2021>mvn test -Ptest
[INFO] Scanning for projects...
[INFO]
[INFO] ------------------------------------------------------------------------
[INFO] Building BRM_LAB-8_2021 0.0.1-SNAPSHOT
[INFO] ------------------------------------------------------------------------
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ BRM_LAB-8_2021 ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] Copying 1 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ BRM_LAB-8_2021 ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ BRM_LAB-8_2021 ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ BRM_LAB-8_2021 ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ BRM_LAB-8_2021 ---
[INFO]
[INFO] --- maven-antrun-plugin:1.1:run (default) @ BRM_LAB-8_2021 ---
[INFO] Executing tasks
    [echo] Using env.test.properties
    [copy] Copying 1 file to C:\Users\Pranit Gupta\eclipse-workspace\BRM_LAB-8_2021\target\classes
[INFO] Executed tasks
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time: 3.624 s
[INFO] Finished at: 2021-04-30T16:01:27+05:30
[INFO] Final Memory: 9M/121M
[INFO] ------------------------------------------------------------------------

C:\Users\Pranit Gupta\eclipse-workspace\BRM_LAB-8_2021>
```

After build success you will see the files will be copied to a folder target/classes

> This PC > Windows (C:) > Users > Pranit Gupta > eclipse-workspace > BRM_LAB-8_2021 > target > classes

Name	Date modified	Type	Size
File.txt	01-04-2021 11:01	Text Document	0 KB
file1	30-04-2021 16:01	Text Document	0 KB
file2	30-04-2021 16:01	Text Document	0 KB