BRM LAB-8
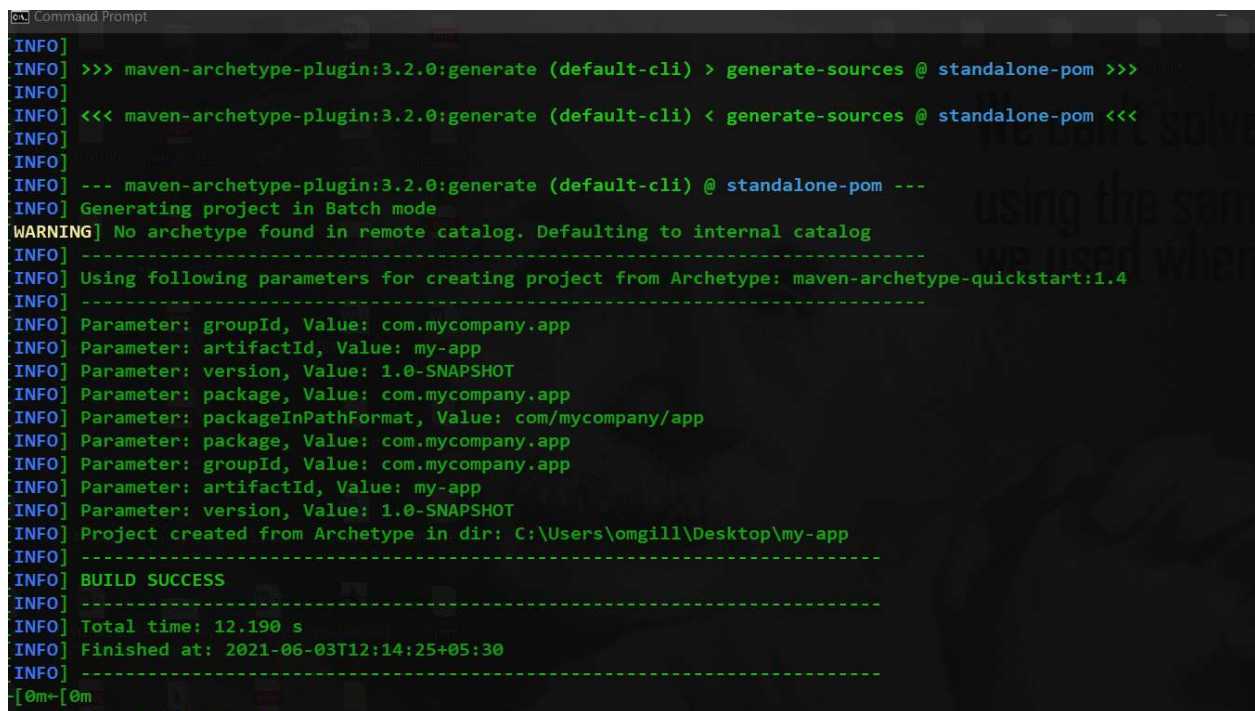
AIM: building with maven build profile

Step1:
 Create a maven project with cli

    Command:
        mvn archetype:generate "-DgroupId=com.mycompany.app "
"-DartifactId=my-app" " -DarchetypeArtifactId=maven-archetype-quickstart" "
-DarchetypeVersion=1.4 -DinteractiveMode=false"

```
INFO]
INFO] >>> maven-archetype-plugin:3.2.0:generate (default-cli) > generate-sources @ standalone-pom >>>
INFO]
INFO] <<< maven-archetype-plugin:3.2.0:generate (default-cli) < generate-sources @ standalone-pom <<<
INFO]
INFO]
INFO] --- maven-archetype-plugin:3.2.0:generate (default-cli) @ standalone-pom ---
INFO] Generating project in Batch mode
WARNING] No archetype found in remote catalog. Defaulting to internal catalog
INFO] ------------------------------------------------------------------------
INFO] Using following parameters for creating project from Archetype: maven-archetype-quickstart:1.4
INFO] ------------------------------------------------------------------------
INFO] Parameter: groupId, Value: com.mycompany.app
INFO] Parameter: artifactId, Value: my-app
INFO] Parameter: version, Value: 1.0-SNAPSHOT
INFO] Parameter: package, Value: com.mycompany.app
INFO] Parameter: packageInPathFormat, Value: com/mycompany/app
INFO] Parameter: package, Value: com.mycompany.app
INFO] Parameter: groupId, Value: com.mycompany.app
INFO] Parameter: artifactId, Value: my-app
INFO] Parameter: version, Value: 1.0-SNAPSHOT
INFO] Project created from Archetype in dir: C:\Users\omgill\Desktop\my-app
INFO] ------------------------------------------------------------------------
INFO] BUILD SUCCESS
INFO] ------------------------------------------------------------------------
INFO] Total time: 12.190 s
INFO] Finished at: 2021-06-03T12:14:25+05:30
INFO] ------------------------------------------------------------------------
[0m←[0m
```

Step2:

Edit POM.xml file with following code:

```xml
<profiles> <profile>

<id>BRM</id>

<build>

<plugins>

<plugin>

<groupId>org.apache.maven.plugins</groupId>
<artifactId>maven-antrun-plugin</artifactId>

<version>1.1</version>

<executions> <execution>

<phase>test</phase> <goals>

<goal>run</goal>

</goals> <configuration>

<tasks>

<echo>Copying file</echo> <copy file="src/main/resources/Hello.txt"
tofile="src/CopiedHello.txt"/>

</tasks>

</configuration>
```

```
</execution>

</executions>

</plugin>

</plugins>

</build>

</profile>

</profiles>
```

```
[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.mycompany.app.AppTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.054 s - in com.mycompany.app.AppTest
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO]
[INFO] --- maven-antrun-plugin:1.1:run (default) @ my-app ---
[INFO] Executing tasks
    [echo] Copying file
    [copy] Copying 1 file to C:\Users\omgill\Desktop\my-app\src
[INFO] Executed tasks
[INFO] -------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] -------------------------------------------------------
[INFO] Total time: 3.250 s
[INFO] Finished at: 2021-06-03T12:47:40+05:30
[INFO] -------------------------------------------------------
```

OUTPUT:

Name	Date modified	Type	Size
main	03/06/2021 12.47	File folder	
test	03/06/2021 12.14	File folder	
CopiedHello.txt	03/06/2021 12.47	Text Document	1 KB