

How to run Maven Project with main method using exec maven plugin. Here will run java main class from maven. Using exec:java we can execute the java code easily after setup of exec maven plugin in pom.xml

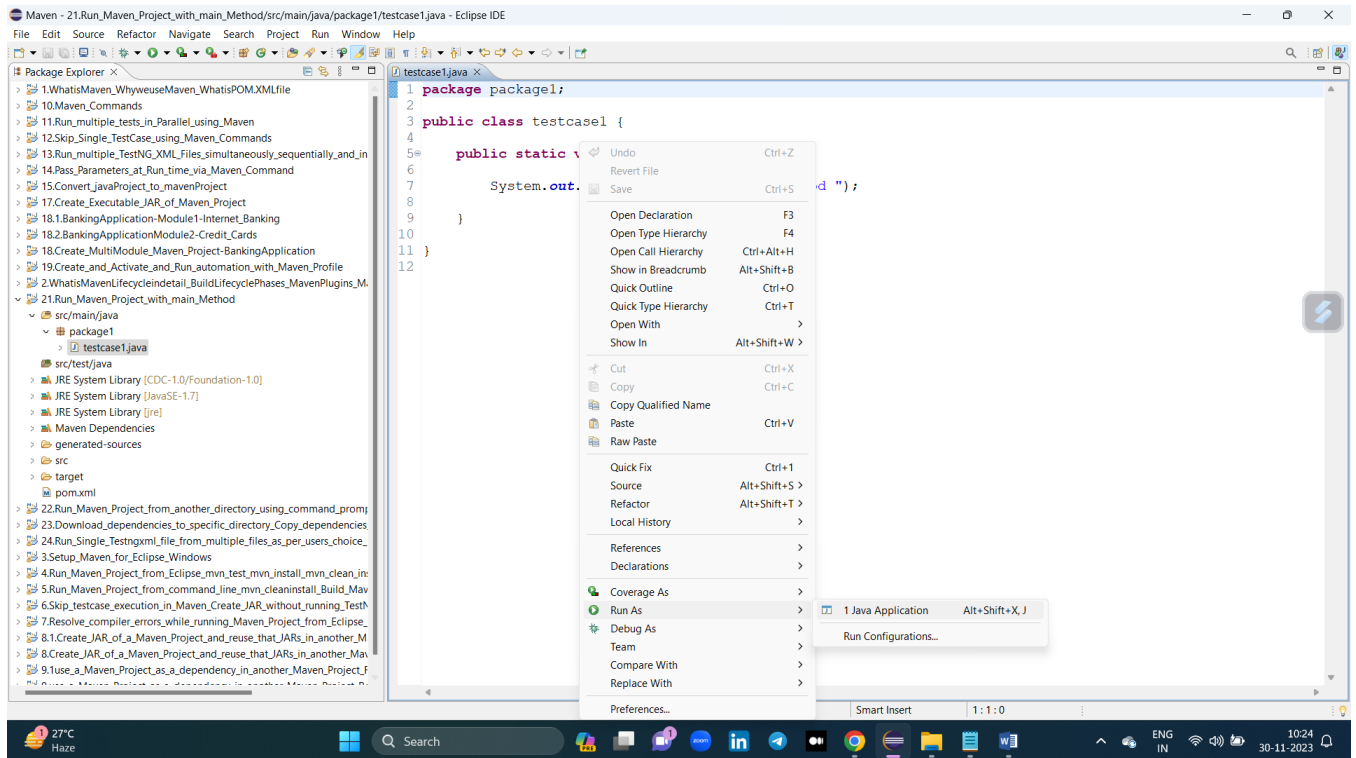
```
<plugin>
    <artifactId>maven-compiler-plugin</artifactId>
    <version>3.8.1</version>
</plugin>

<plugin>
    <groupId>org.codehaus.mojo</groupId>
    <artifactId>exec-maven-plugin</artifactId> --> execute main
    <version>1.6.0</version>
    <executions>
        <execution>
            <goals>
                <goal>java</goal> --> run java project
            </goals>
        </execution>
    </executions>
    <configuration>
        <mainClass>package1.testcase1</mainClass> -->
package1.testcase1(packageName.ClassName)
    </configuration>
</plugin>
```

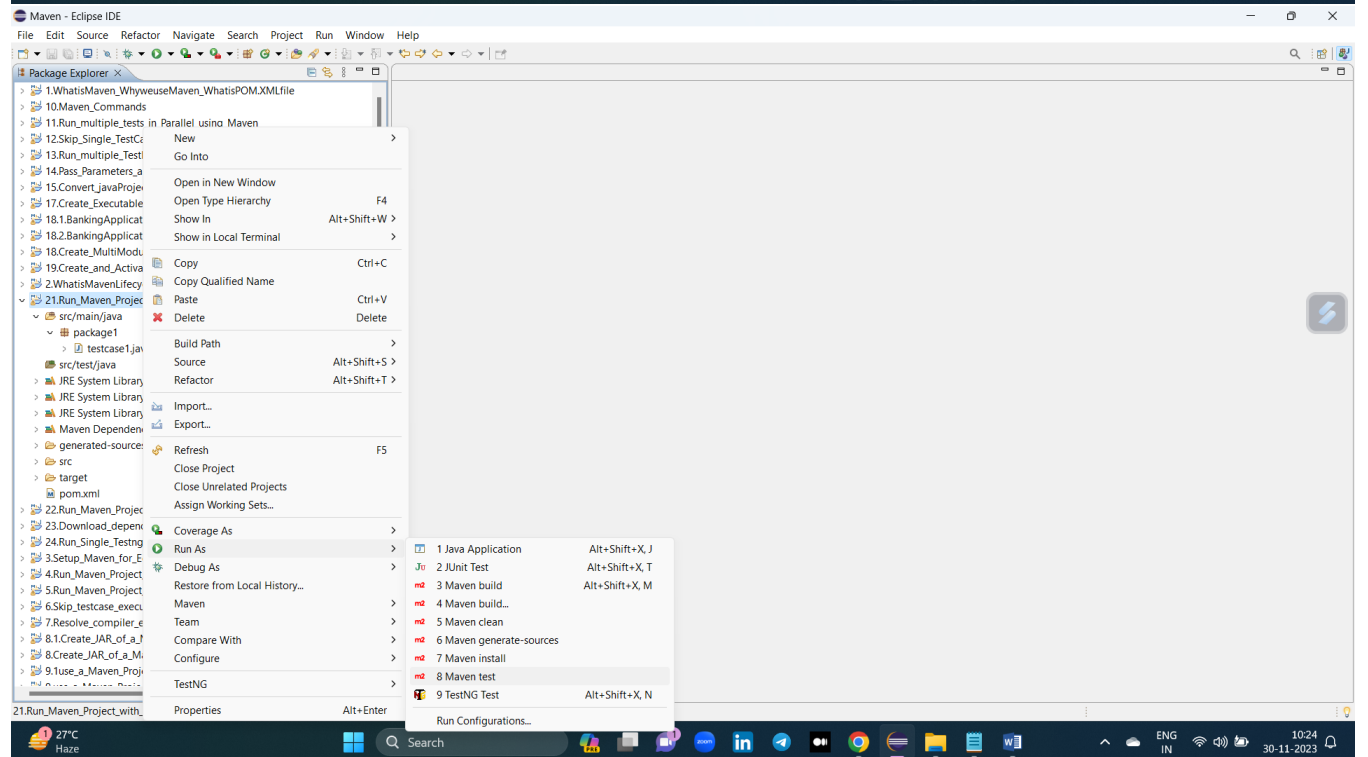
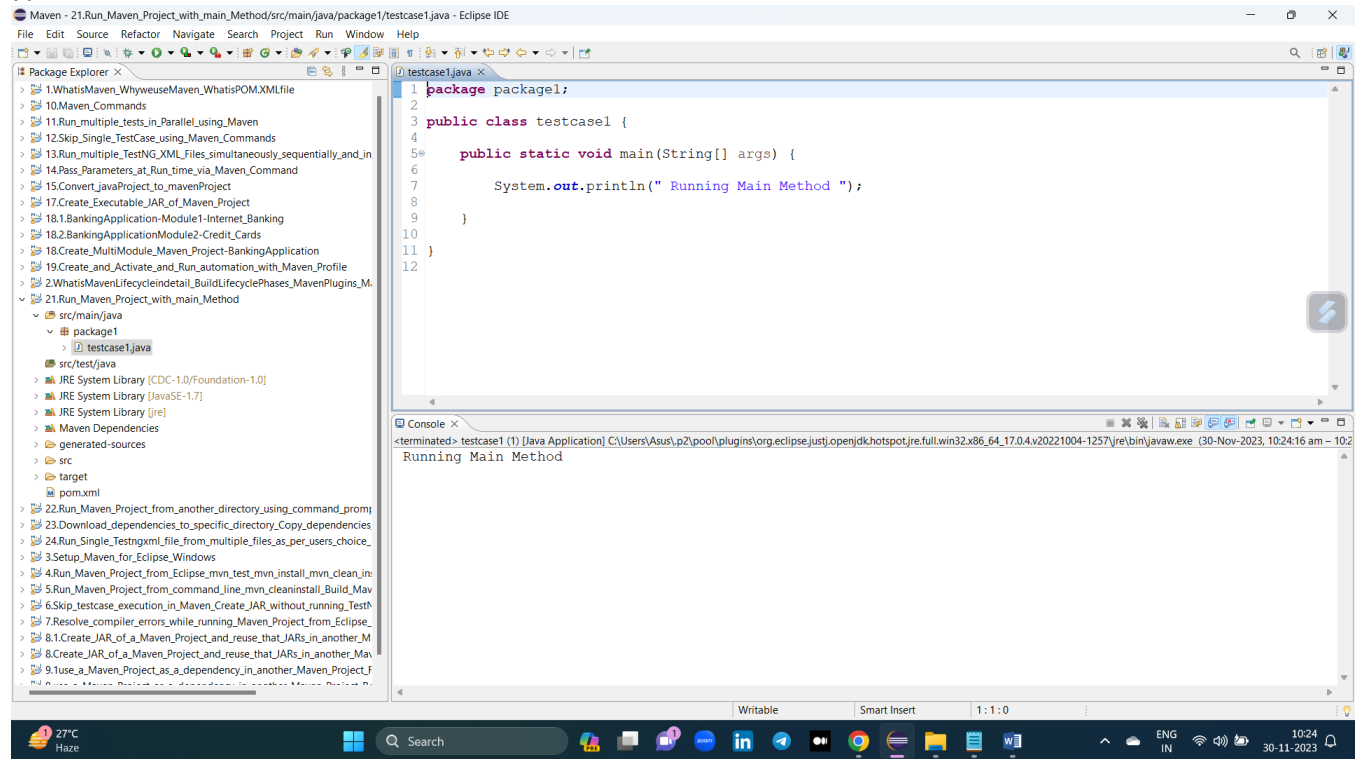
e plugin pom.xml file lo echina tarvata manam maven project ni vaka sari update chaiyali and tarvata maven test chaiyali.

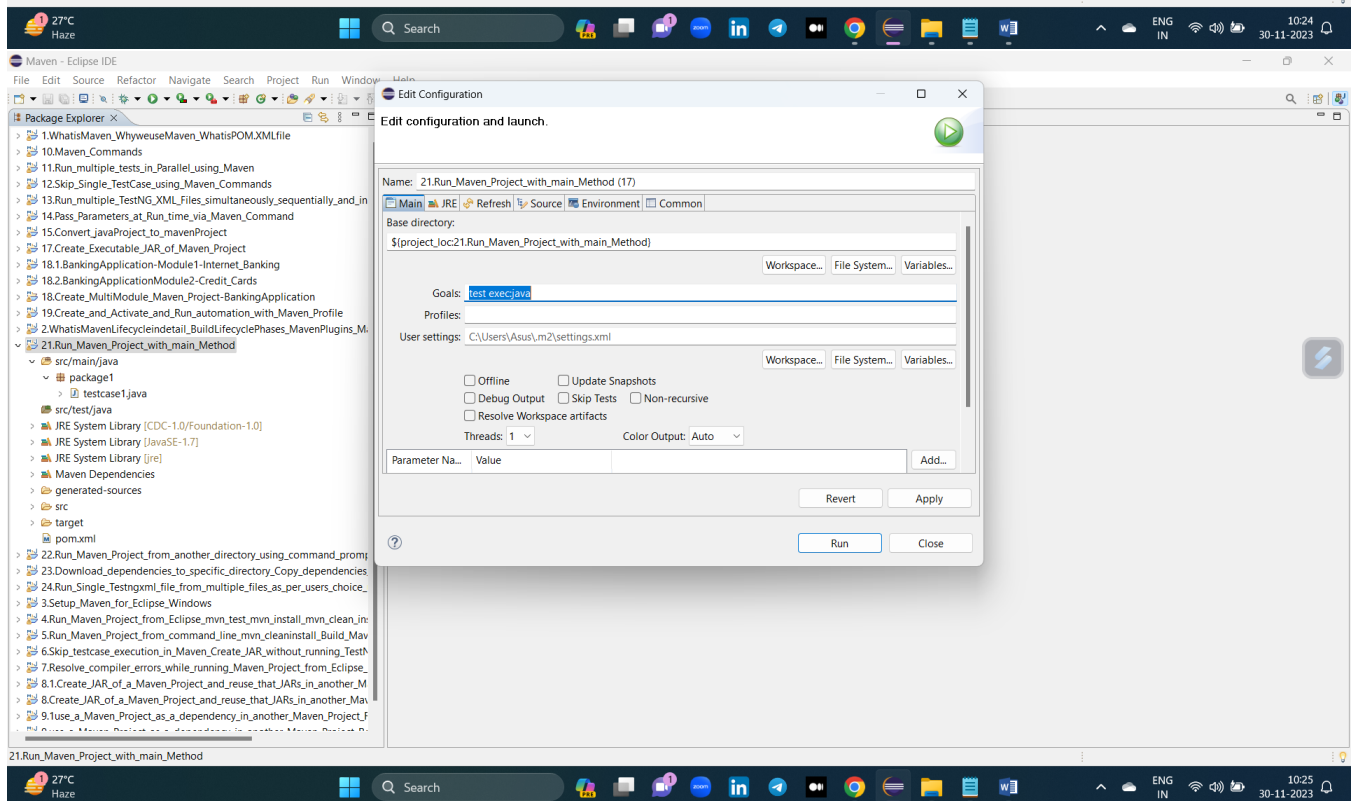
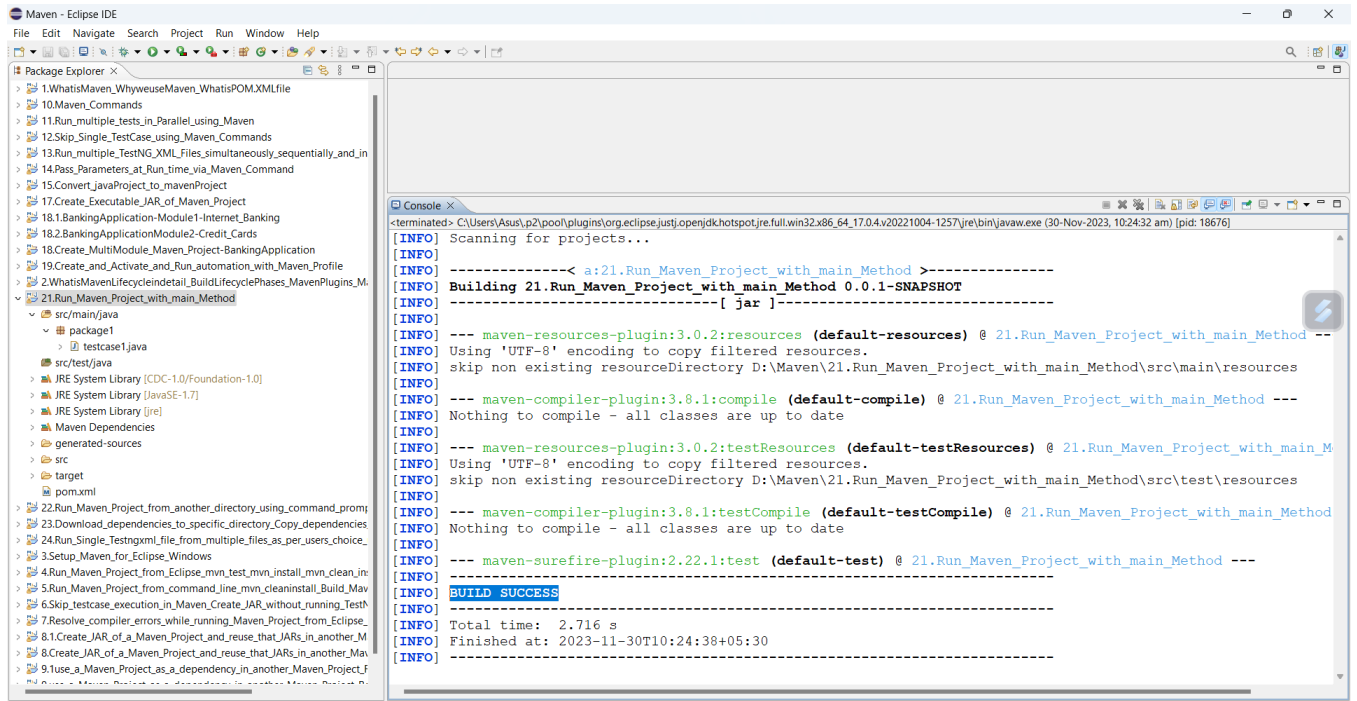
tarvata aa java main method run aavali antea project pai right click echi --> run as --> maven build --> test exec:java (or) exec:java (or) mvn exec:java -Dexec.mainClass=package1.testcase1

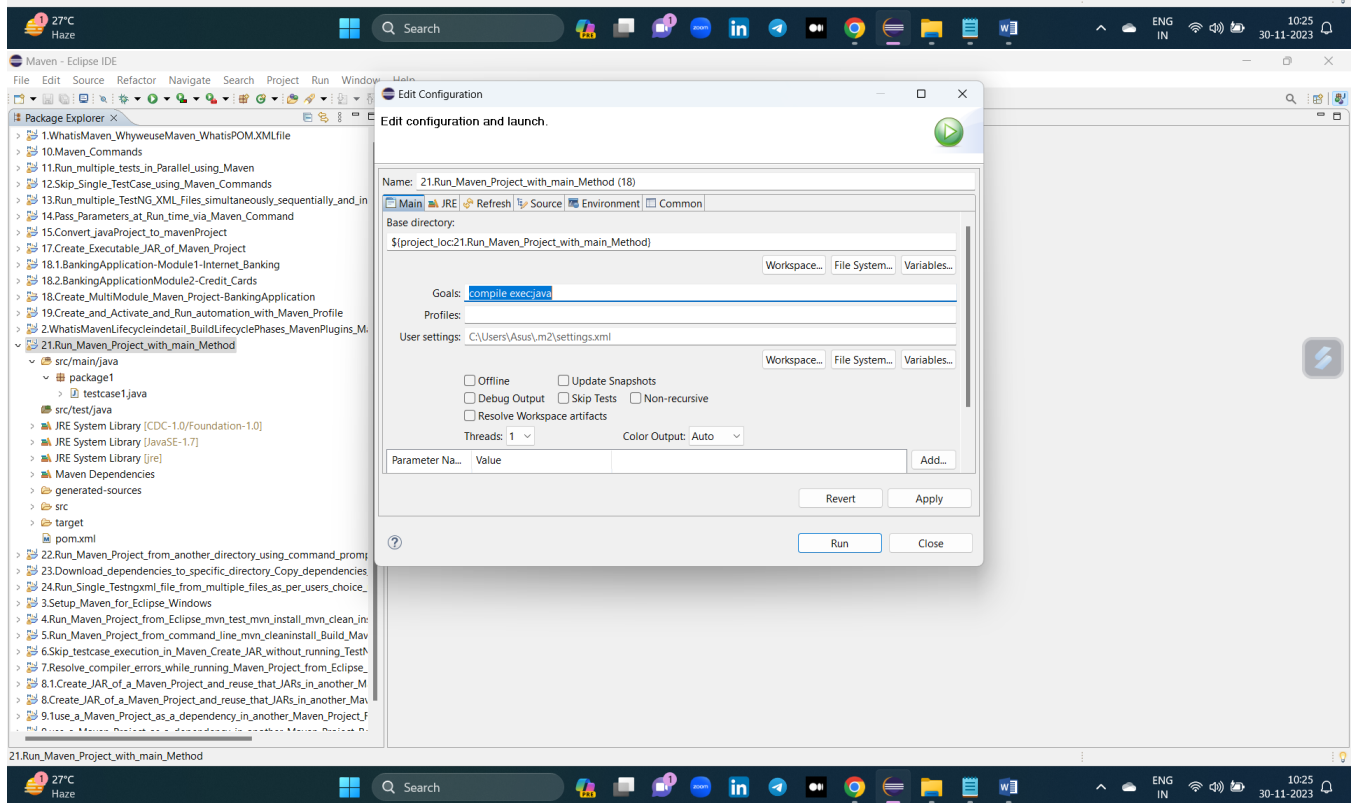
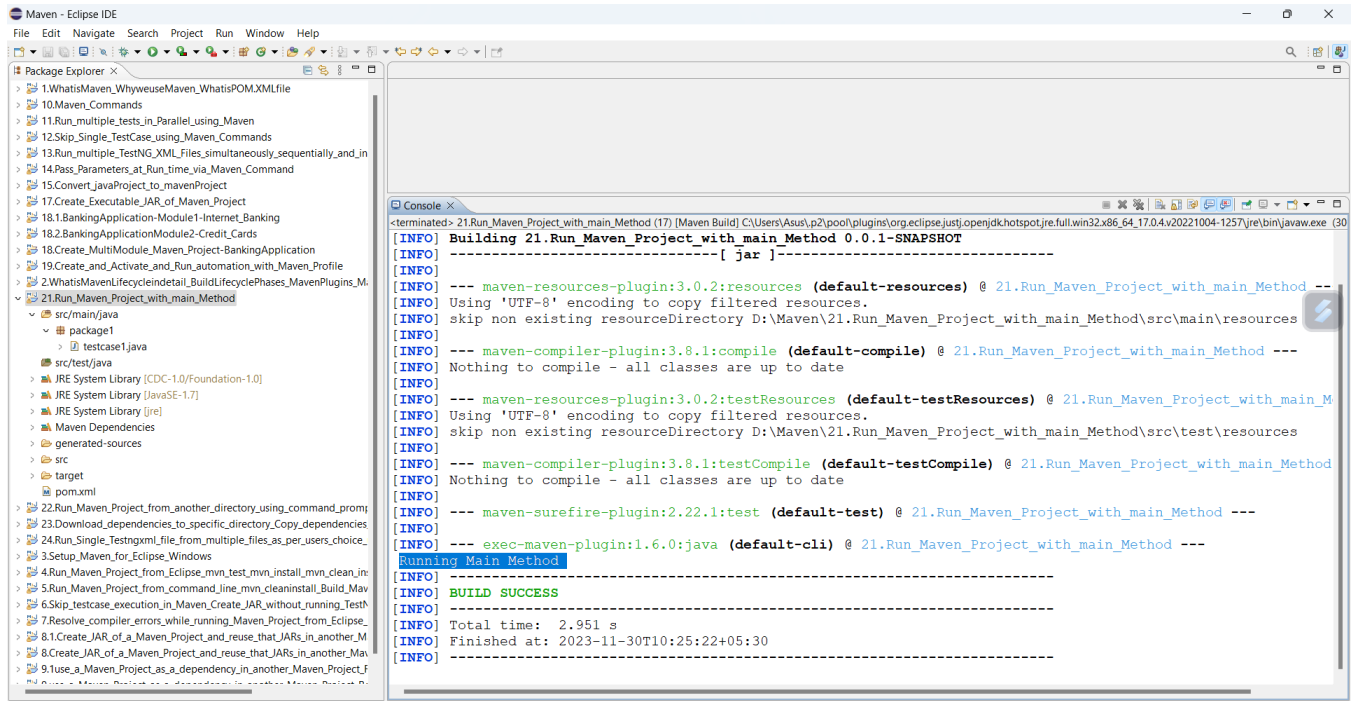
(or) mvn compile exec:java

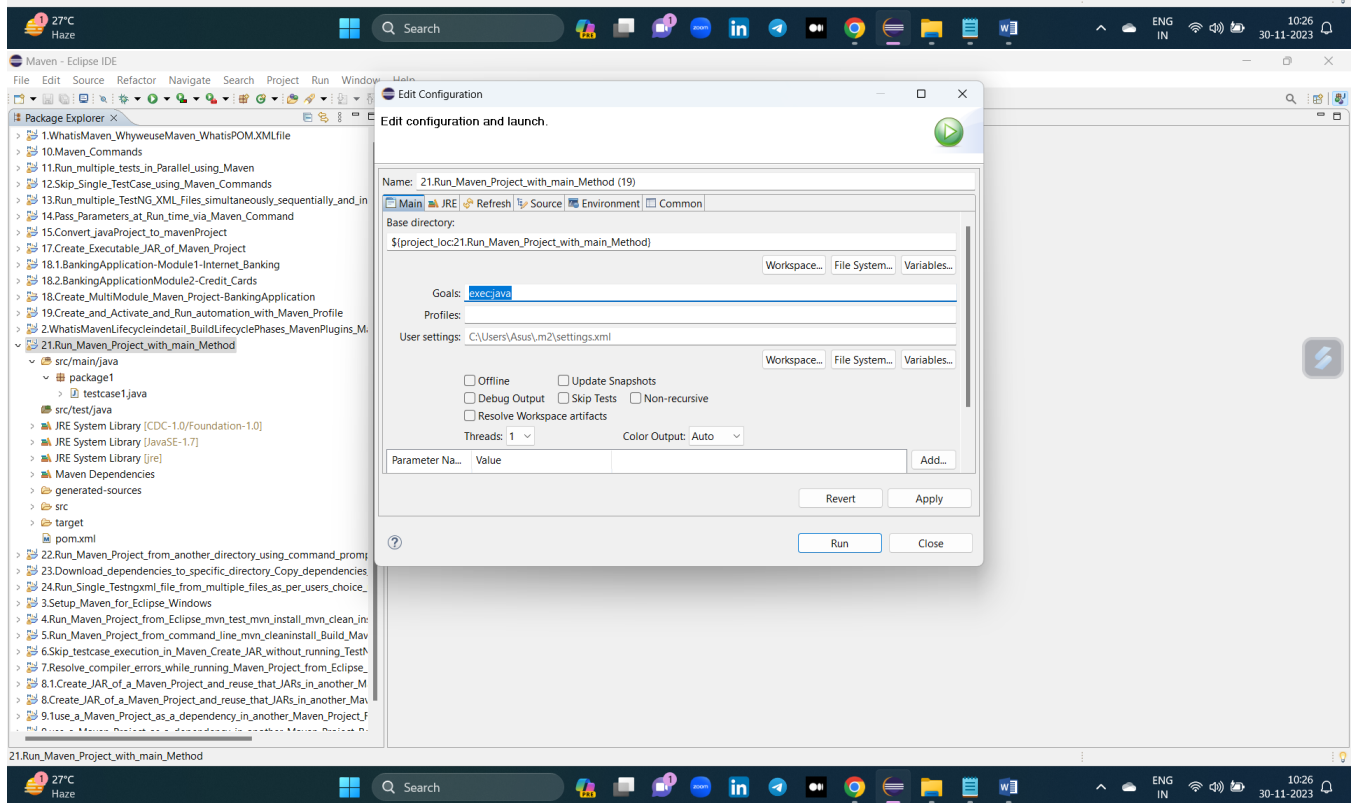
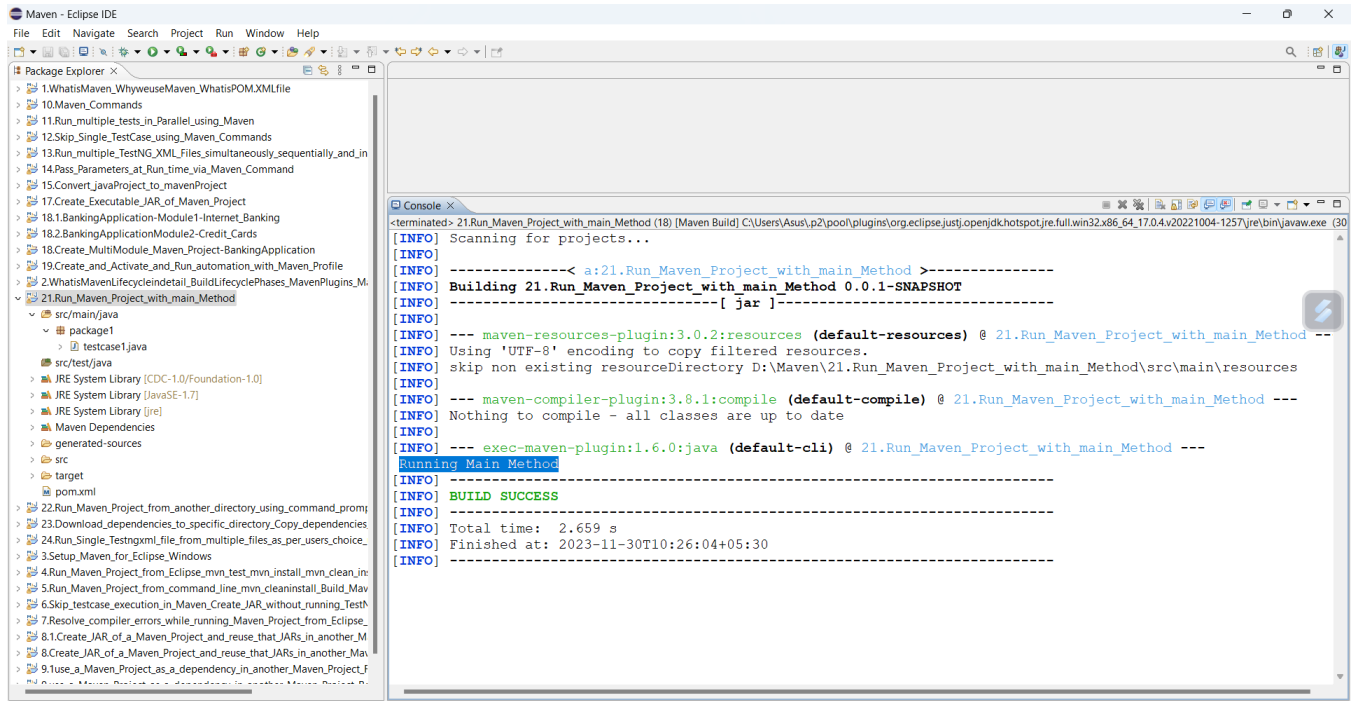


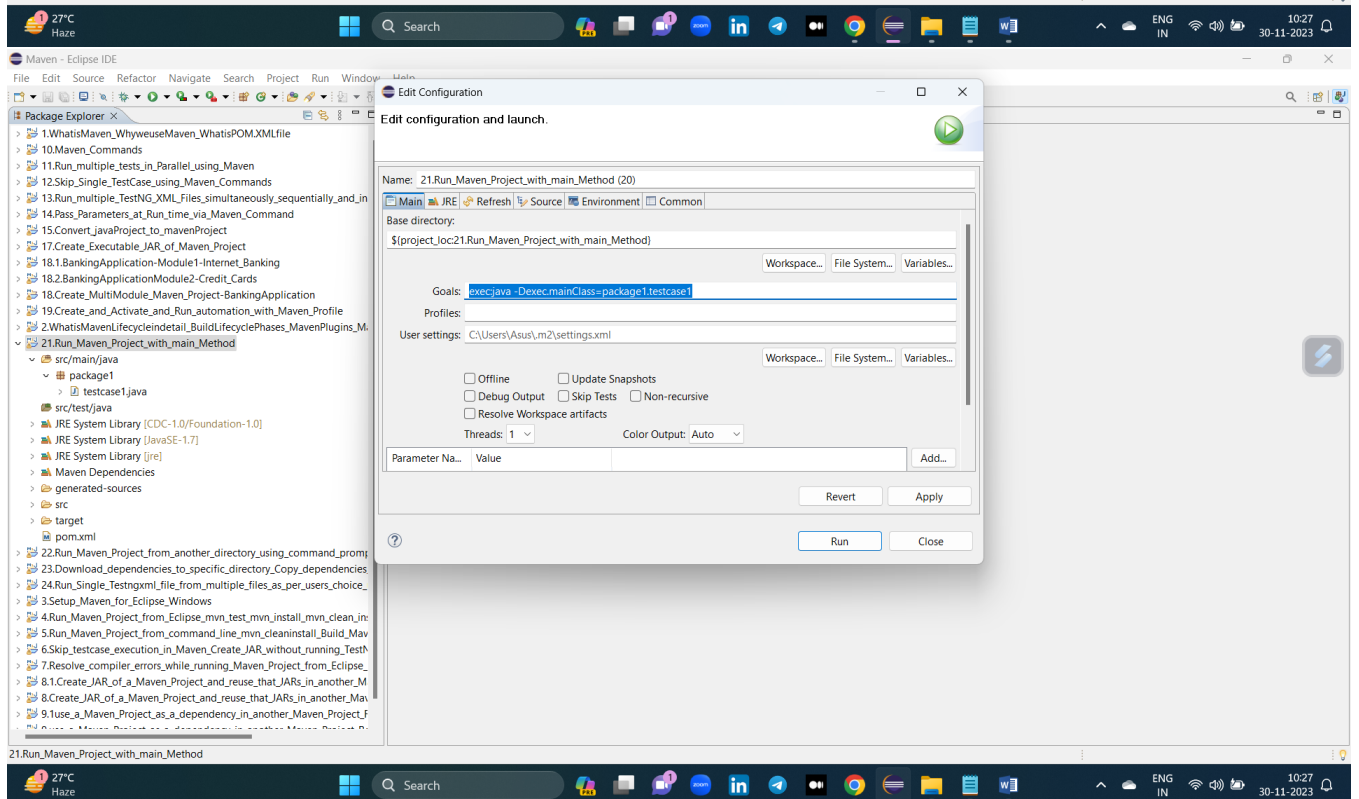
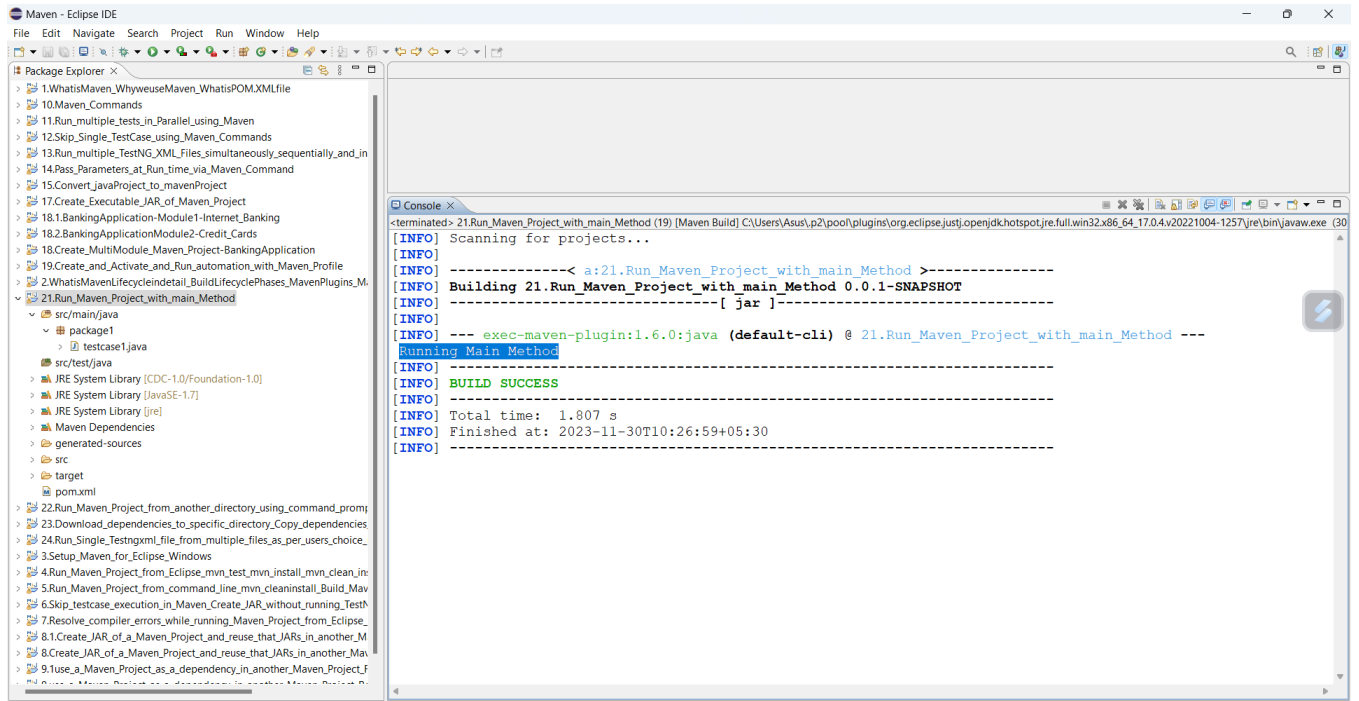
yy



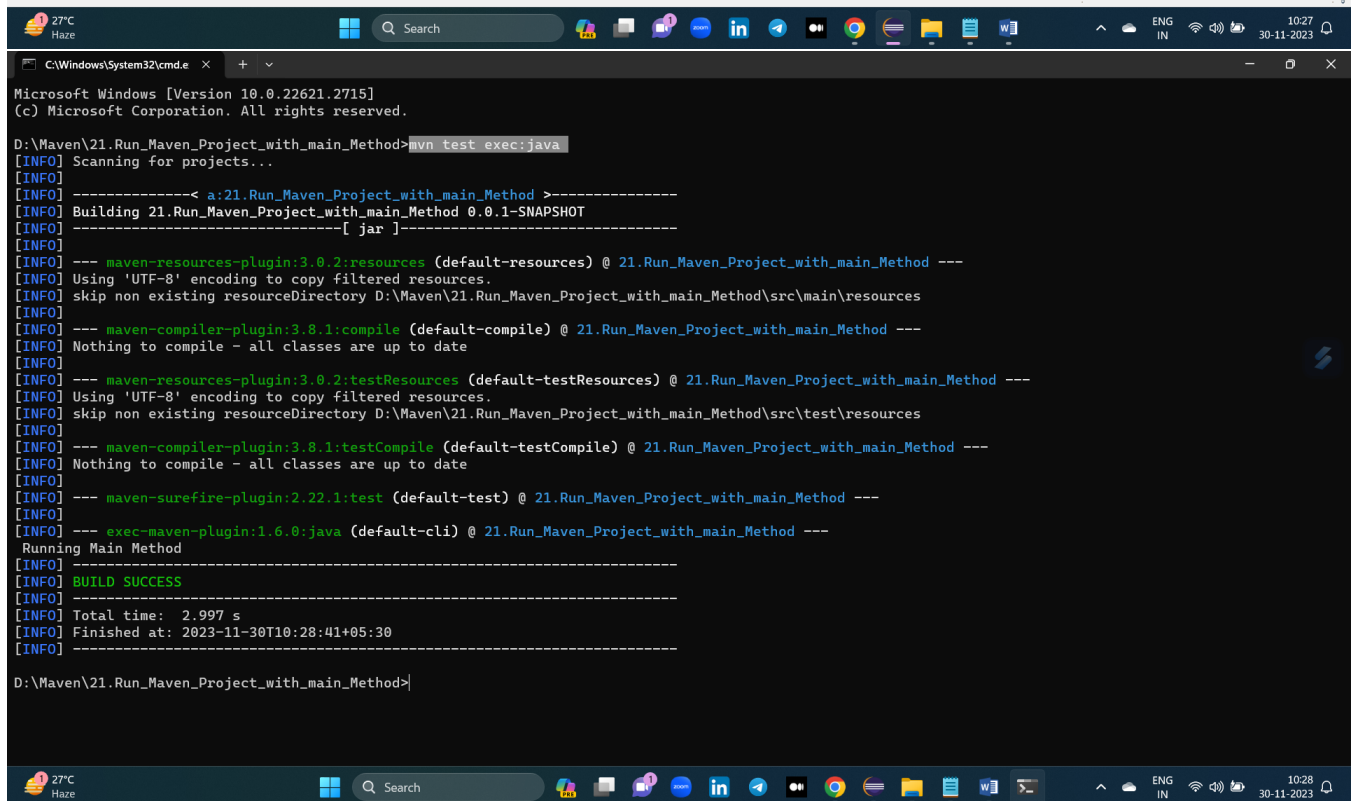
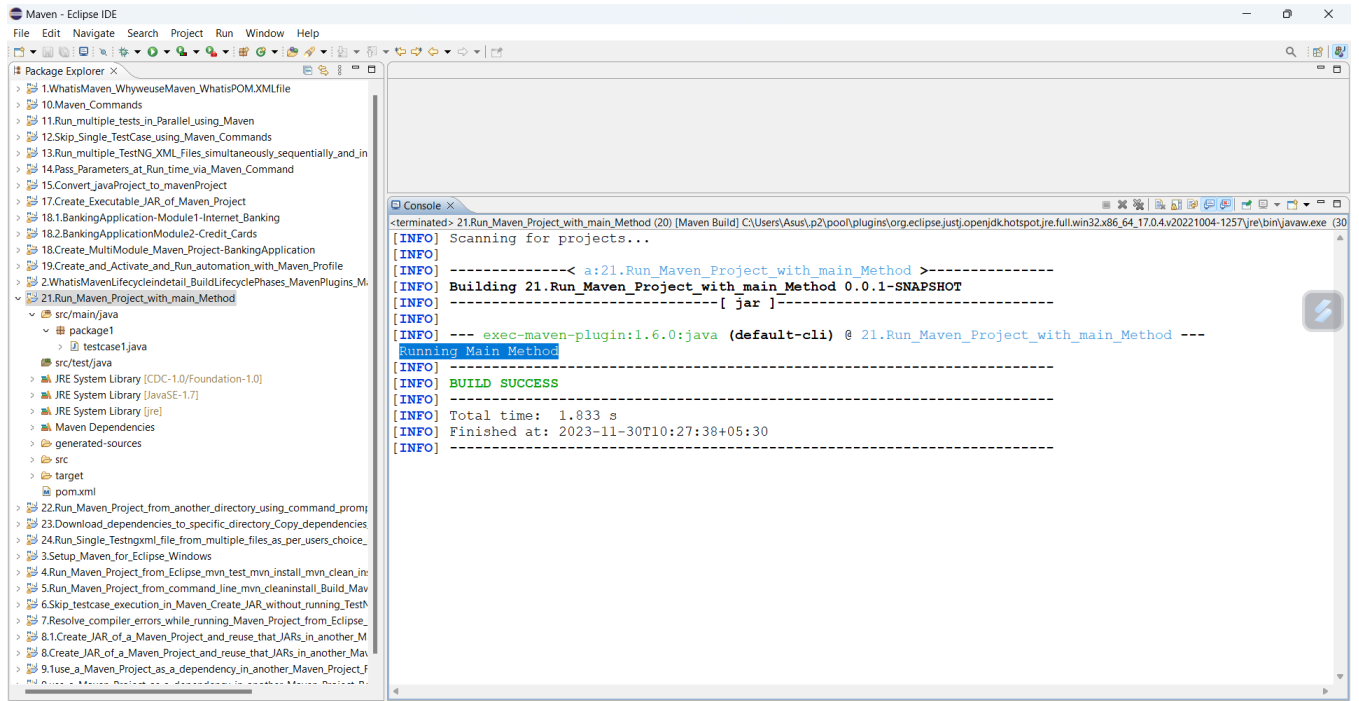














```
C:\Windows\System32\cmd.e x + v
D:\Maven\21.Run_Maven_Project_with_main_Method>mvn compile exec:java
[INFO] Scanning for projects...
[INFO]
[INFO] -----< a:21.Run_Maven_Project_with_main_Method >-----
[INFO] Building 21.Run_Maven_Project_with_main_Method 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:resources (default-resources) @ 21.Run_Maven_Project_with_main_Method ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory D:\Maven\21.Run_Maven_Project_with_main_Method\src\main\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ 21.Run_Maven_Project_with_main_Method ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- exec-maven-plugin:1.6.0:java (default-cli) @ 21.Run_Maven_Project_with_main_Method ---
[INFO] Running Main Method
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 2.588 s
[INFO] Finished at: 2023-11-30T10:29:09+05:30
[INFO] -----

D:\Maven\21.Run_Maven_Project_with_main_Method>

C:\Windows\System32\cmd.e x + v
D:\Maven\21.Run_Maven_Project_with_main_Method>mvn exec:java
[INFO] Scanning for projects...
[INFO]
[INFO] -----< a:21.Run_Maven_Project_with_main_Method >-----
[INFO] Building 21.Run_Maven_Project_with_main_Method 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- exec-maven-plugin:1.6.0:java (default-cli) @ 21.Run_Maven_Project_with_main_Method ---
[INFO] Running Main Method
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 1.837 s
[INFO] Finished at: 2023-11-30T10:29:31+05:30
[INFO] -----

D:\Maven\21.Run_Maven_Project_with_main_Method>
```

```
C:\Windows\System32\cmd.e x + v
D:\Maven\21.Run_Maven_Project_with_main_Method>mvn exec:java -Dexec.mainClass=package1.testcase1
[INFO] Scanning for projects...
[INFO] -----< a:21.Run_Maven_Project_with_main_Method >-----
[INFO] Building 21.Run_Maven_Project_with_main_Method 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO] --- exec-maven-plugin:1.6.0:java (default-cli) @ 21.Run_Maven_Project_with_main_Method ---
Running Main Method
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 2.436 s
[INFO] Finished at: 2023-11-30T10:30:02+05:30
[INFO] -----
D:\Maven\21.Run_Maven_Project_with_main_Method>
```