Readme File

1. In resources add a folder META-INF inside it add a .MF file MANIFEST.MF containing "`Main-Class: org.example.Main`".
2. Now we will add build in pom.xml file as shown in the photo below, and add path of the file to be manifested,
"`<manifestFile>src/main/resources/META-INF/MANIFEST.MF</manifestFile>`"

```xml
<?xml version="1.0" encoding="UTF-8"?>
<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 http://maven.apache.org/xsd/maven-4.0.0.xsd">
    <modelVersion>4.0.0</modelVersion>

    <groupId>org.example</groupId>
    <artifactId>A1_2021275</artifactId>
    <version>1.0-SNAPSHOT</version>

    <build>
        <plugins>
            <plugin>
                <groupId>org.apache.maven.plugins</groupId>
                <artifactId>maven-jar-plugin</artifactId>
                <configuration>
                    <archive>
                        <manifestFile>src/main/resources/META-INF/MANIFEST.MF</manifestFile>
                    </archive>
                </configuration>
            </plugin>
        </plugins>
    </build>

    <properties>
        <maven.compiler.source>18</maven.compiler.source>
        <maven.compiler.target>18</maven.compiler.target>
        <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
    </properties>

</project>
```

3. Now after writing the code, we will run the maven clean command, "**mvn clean**". After that run the command "**mvn install**" that creates a target file inside which there is a .jar file which can be executed as our original code.
4. Now open the terminal after downloading the file and **cd Downloads/** run the command "**java -jar A1_2021275-1.0-SNAPSHOT.jar**".