**We used maven project in our project.**

**Maven is a build management tool and maven project contains POM.xml**

**In POM.xml, we have various project maven dependencies as selenium dependency, WebDriver manager dependency,** **org.TESTNG dependency,** **org.apache.poi excel dependencies**

**So that all project supporting libraries will be downloaded under maven dependencies in the project folder.**

**Maven contains various build life cycle phases as validate, compile, test, package ,verify , install and deploy**

**The main plug ins are** maven-compiler-plugin and maven-surefire-plugin

maven-compiler-plugin, is used to **compile** the sources of the project

**Maven sure fire plugin** is used to follow the sequence of tests in testng.xml file. If we don't include the Maven surefire plugin then it will execute all the testcases under src/test/java which has prefix or suffix as 'test' and these tests will get executed without any sequence.

**maven-surefire-plugin handles [unit] test execution and failing the build process if there are test failures.**

<dependency>

<groupId>org.seleniumhq.**selenium**</groupId>

<artifactId>selenium-java</artifactId>

<version>4.11.0</version>

</dependency>

<dependency>

<groupId>io.github.bonigarcia</groupId>

<artifactId>**webdrivermanager**</artifactId>

<version>5.5.3</version>

</dependency>

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>7.0.0-beta1</version>

</dependency>

<dependency>

<groupId>commons-io</groupId>

<artifactId>commons-io</artifactId>

<version>2.5</version>

</dependency>

<dependency>

<groupId>org.apache.poi</groupId>

<artifactId>poi-ooxml</artifactId>

<version>3.17</version>

</dependency>









