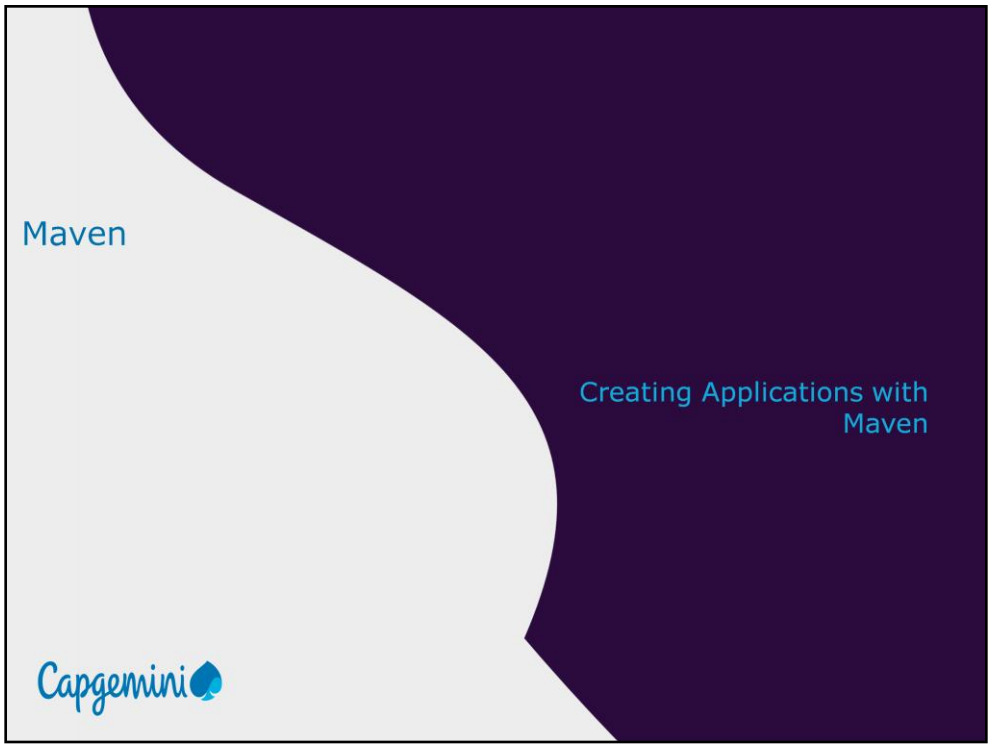
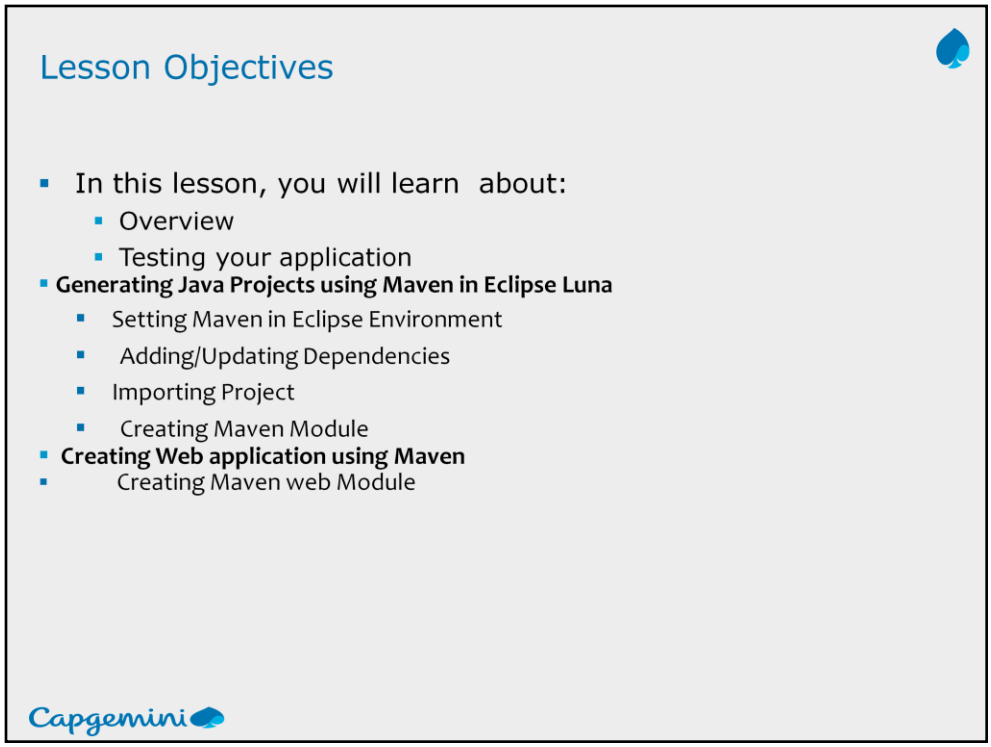
Instructor Notes:

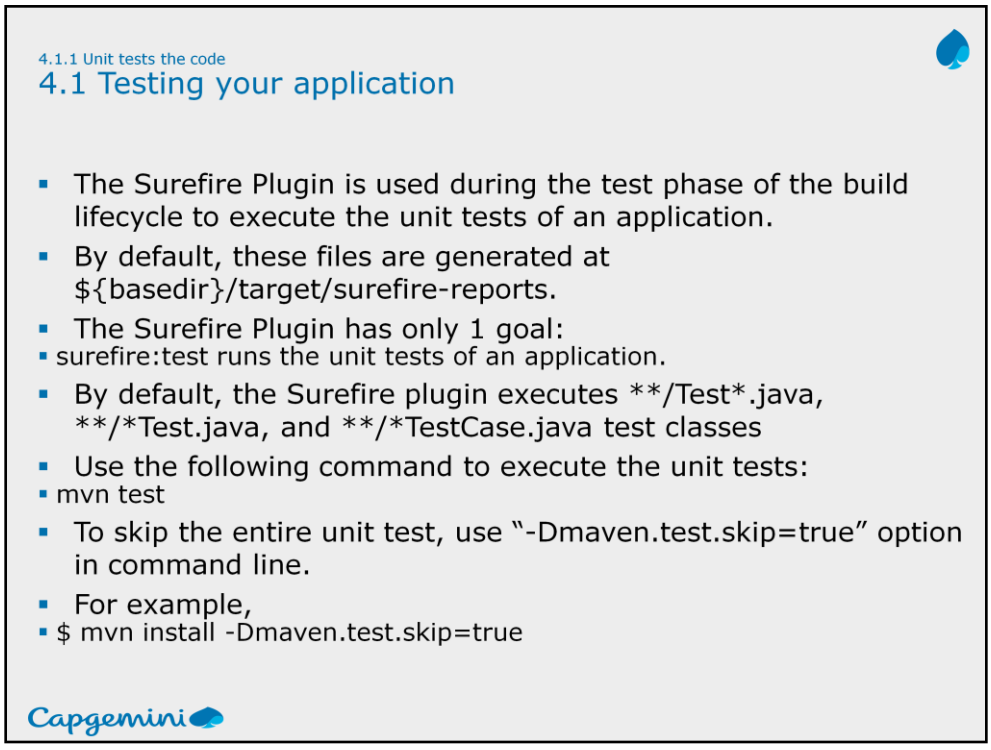


Instructor Notes:

Explain the lesson coverage



Instructor Notes:

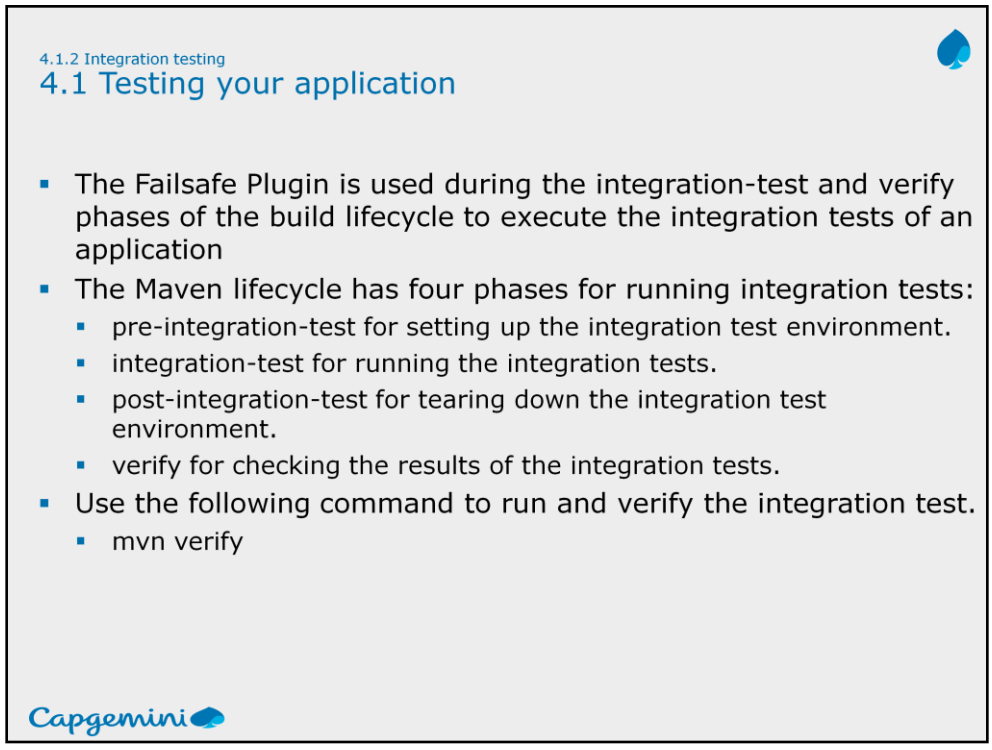


It generates reports in 2 different file formats:

- Plain text files (*.txt)
- XML files (*.xml)

Instructor Notes:

The Failsafe Plugin is designed to run integration tests while the Surefire Plugins is designed to run unit tests



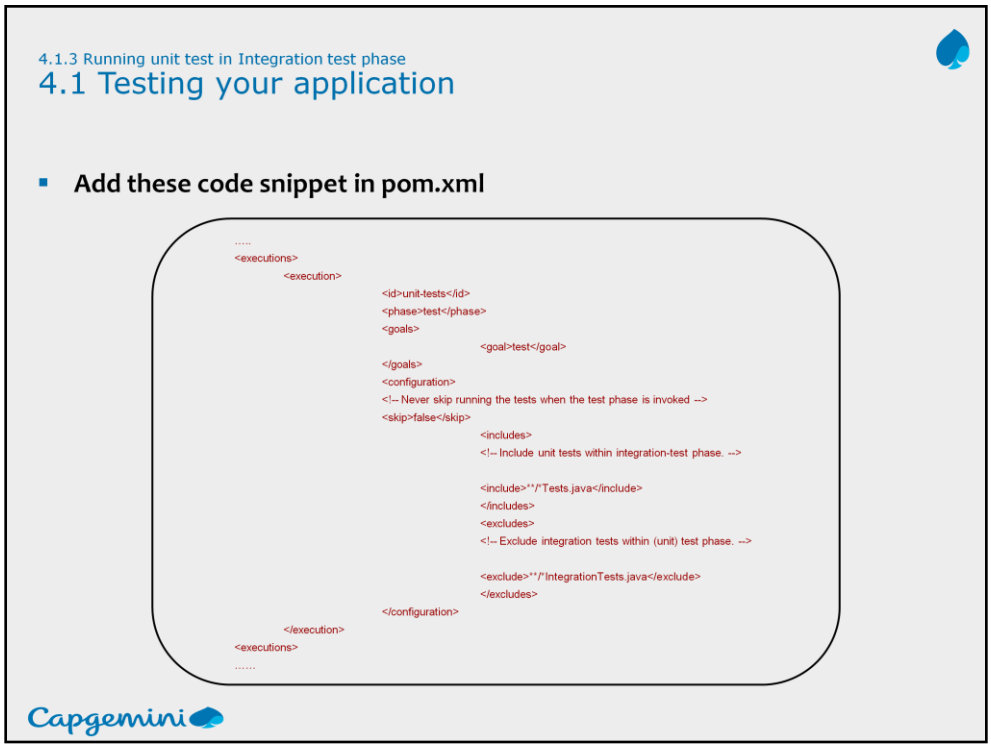
The Failsafe Plugin has only 2 goals:

failsafe:integration-test runs the integration tests of an application.

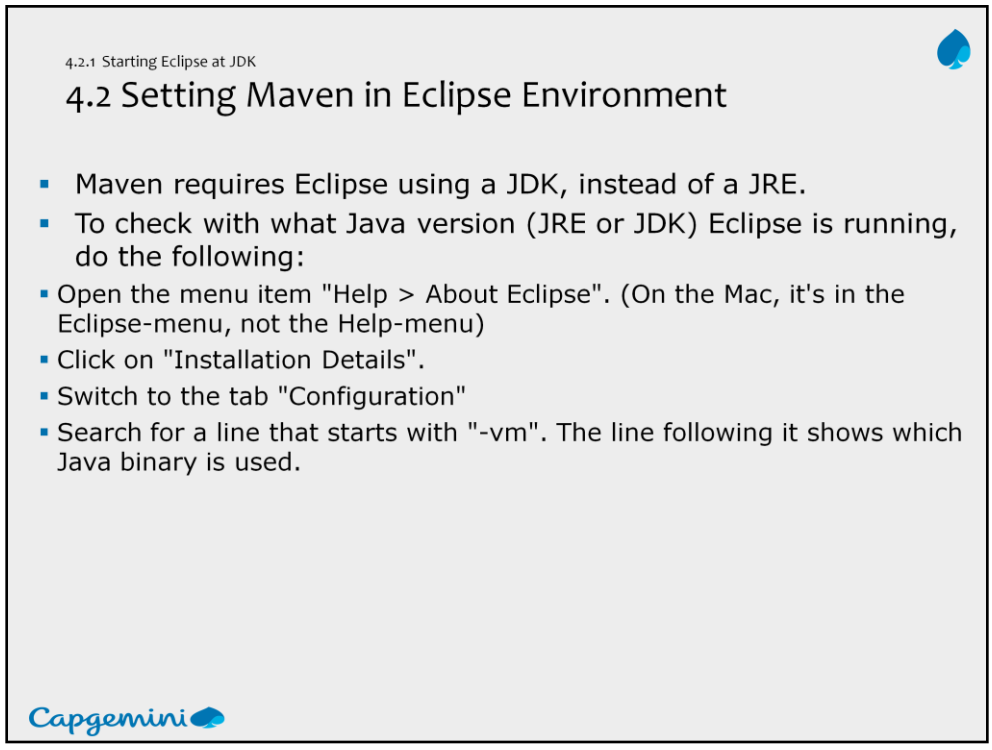
failsafe:verify verifies that the integration tests of an application passed.

The Failsafe plugin will look for **/IT*.java, **/*IT.java, and **/*ITCase.java.

Instructor Notes:



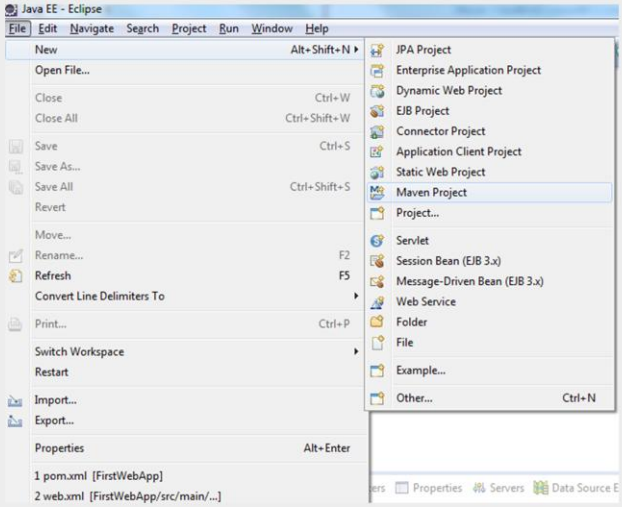
Instructor Notes:



Instructor Notes:

4.3.1 Maven Project in Eclipse

4.3 Creating Maven Project in Eclipse Luna

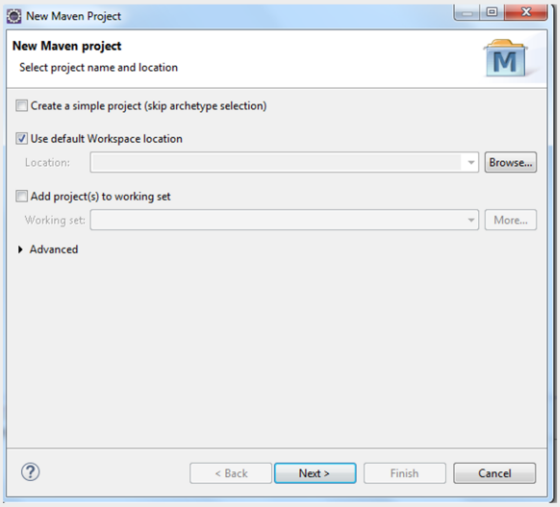


Capgemini

Instructor Notes:

4.3.2 Maven Project in Eclipse

4.3 Creating Maven Project in Eclipse Luna

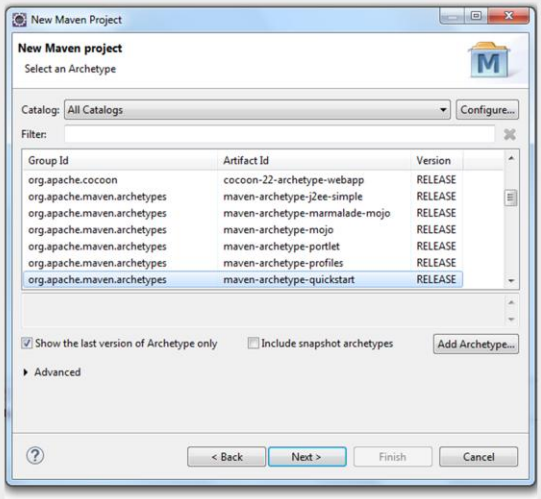


Capgemini

Instructor Notes:

4.3.3 Maven Project in Eclipse

4.3 Creating Maven Project in Eclipse Luna

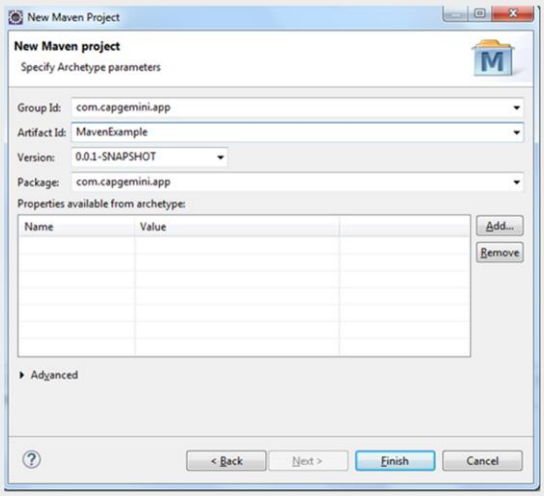


Capgemini

Instructor Notes:

4.3.4 Maven Project in Eclipse

4.3 Creating Maven Project in Eclipse Luna



Capgemini

Instructor Notes:

4.3.5 Maven Project in Eclipse

4.3 Creating Maven Project in Eclipse Luna

- Update the jUnit version to 4.11 in pom.xml

*MavenExample/pom.xml

```
1  <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://w
2    xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.a
3    <modelVersion>4.0.0</modelVersion>
4
5    <groupId>com.capgemini.app</groupId>
6    <artifactId>MavenExample</artifactId>
7    <version>0.0.1-SNAPSHOT</version>
8    <packaging>jar</packaging>
9
10   <name>MavenExample</name>
11   <url>http://maven.apache.org</url>
12
13   <properties>
14     <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
15   </properties>
16
17   <dependencies>
18     <dependency>
19       <groupId>junit</groupId>
20       <artifactId>junit</artifactId>
21       <version>4.11</version>
22       <scope>test</scope>
23     </dependency>
24   </dependencies>
25 </project>
```

Overview | Dependencies | Dependency Hierarchy | Effective POM | pom.xml

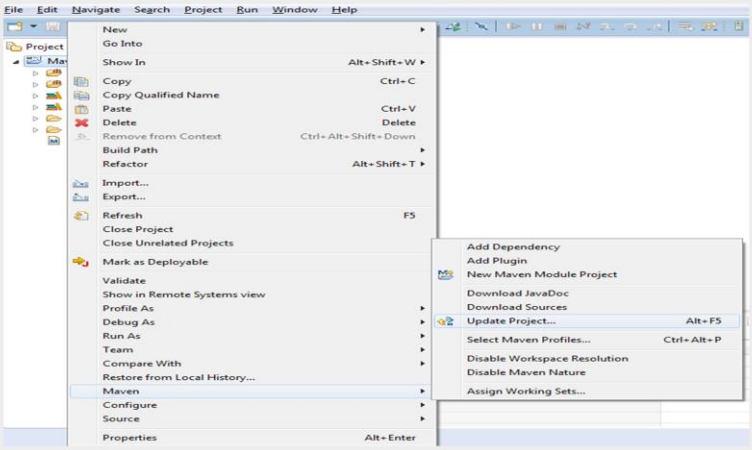
Capgemini

Instructor Notes:

4.3.6 Maven Project in Eclipse

4.3 Creating Maven Project in Eclipse Luna

- Update the project as shown:

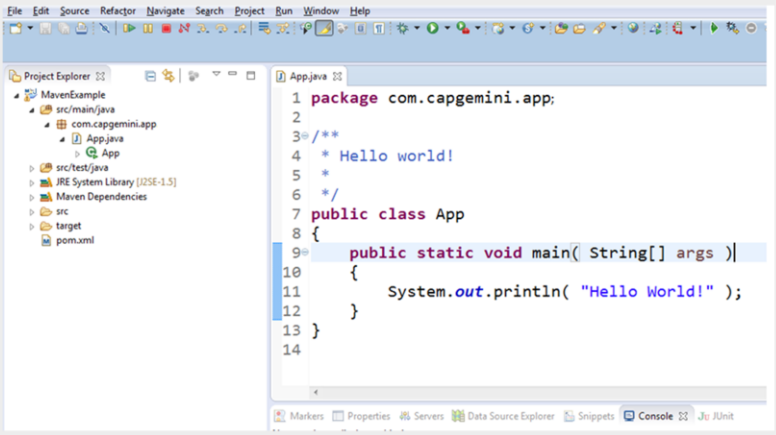


Capgemini

Instructor Notes:

4.3.7 Maven Project in Eclipse

4.3 Creating Maven Project in Eclipse Luna

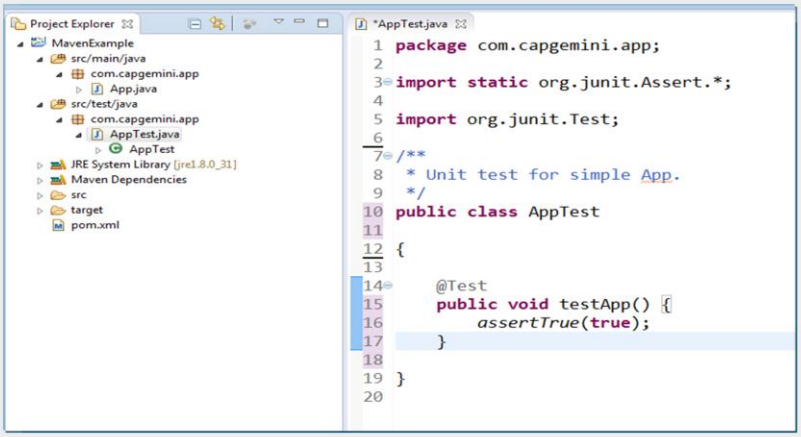


Capgemini

Instructor Notes:

4.3.8 Maven Project in Eclipse

4.3 Creating Maven Project in Eclipse Luna

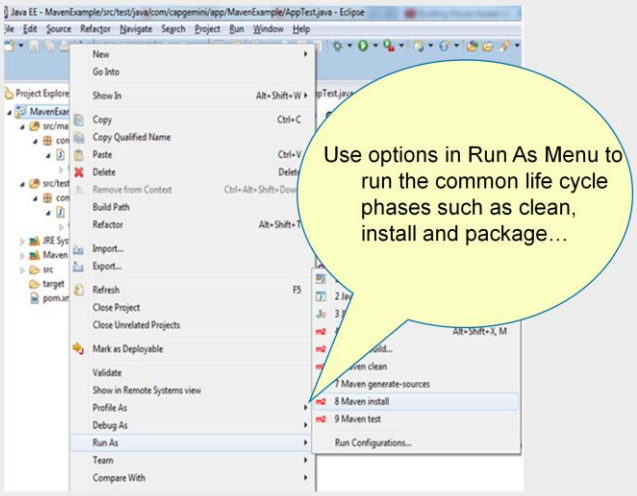


Capgemini

Instructor Notes:

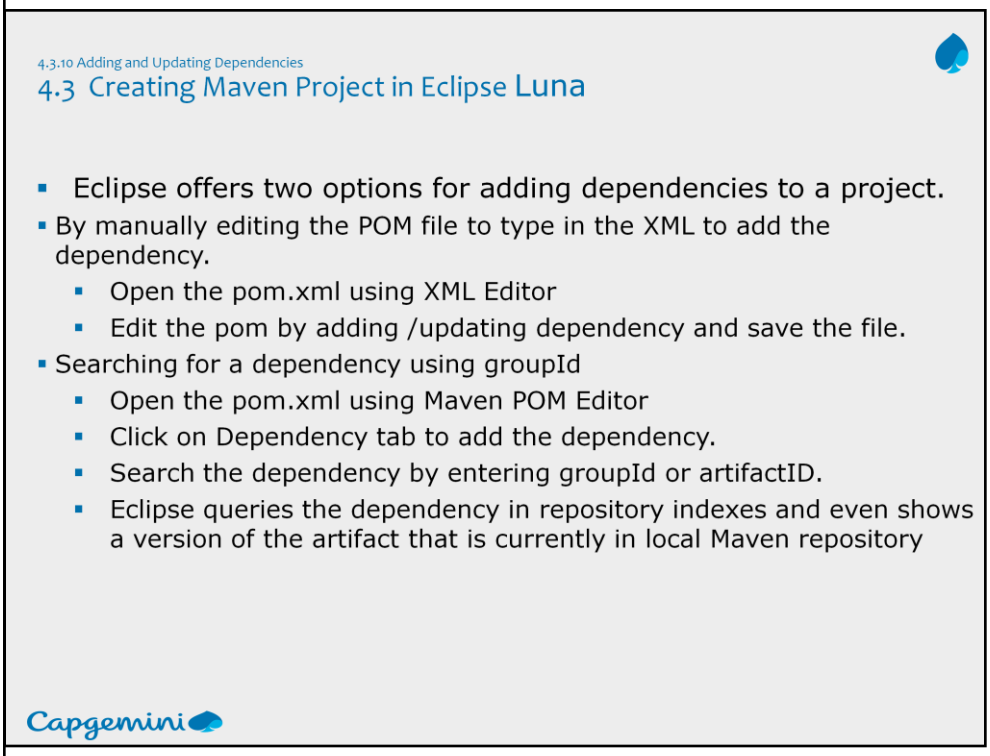
4.3.9 Maven Project in Eclipse

4.3 Creating Maven Project in Eclipse Luna

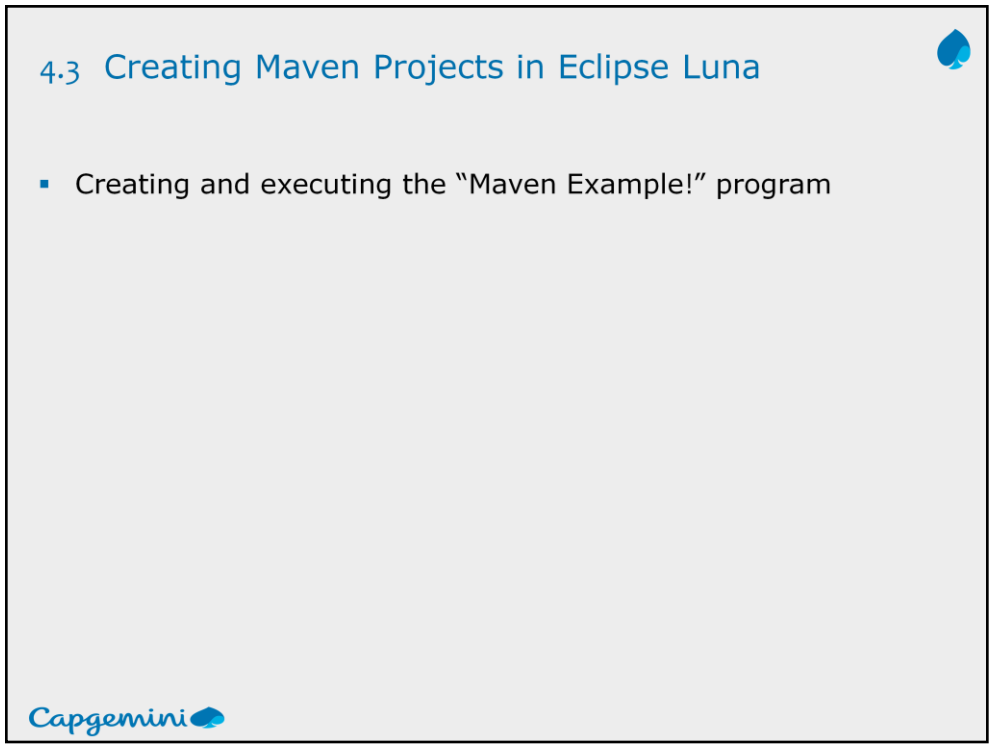


Capgemini

Instructor Notes:



Instructor Notes:



Instructor Notes:

4.4.1 Adding and Updating Dependencies

Creating Web application using Maven

4.4

- Add server credentials in settings.xml

```
<settings xmlns="http://maven.apache.org/SETTINGS/1.0.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/SETTINGS/1.0.0
                      https://maven.apache.org/xsd/settings-1.0.0.xsd">
```

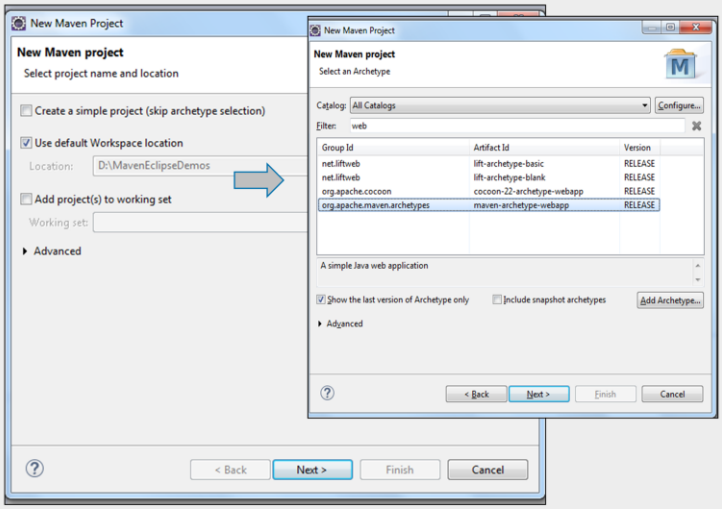
```
  <profile>
          <id>wildfly-local</id>
          <properties>
              <wildfly-home>D:/Softwares/WildFly8.1.0/WildFly8.1.0</wildfly-home>
              <wildfly-hostname>localhost</wildfly-hostname>
              <wildfly-port>8090</wildfly-port>
              <wildfly-username>test</wildfly-username>
              <wildfly-password>test@123</wildfly-password>
          </properties>
      </profile>
</profiles>
```

Capgemini

Instructor Notes:

4.4.2 Adding and Updating Dependencies

4.4 Creating Web application using Maven

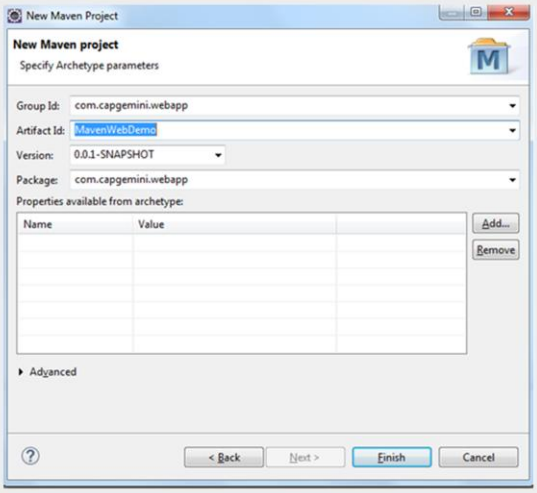


Capgemini

Instructor Notes:

4.4.3 Adding and Updating Dependencies

4.4 Creating Web application using Maven

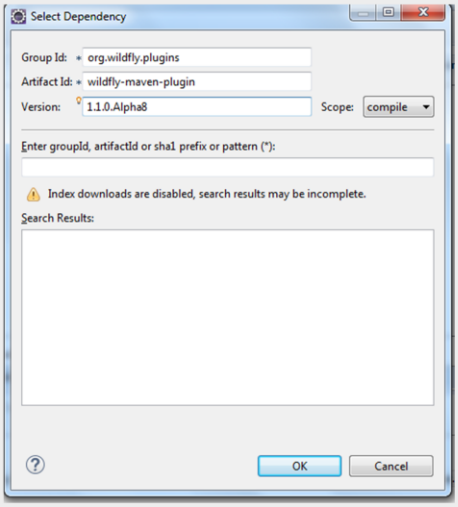


Capgemini

Instructor Notes:

4.4.4 Adding and Updating Dependencies

4.4 Creating Web application using Maven



Capgemini

Instructor Notes:

4.4.5 Adding and Updating Dependencies

4.4

Creating Web application using Maven

```
<dependency>
    <groupId>org.wildfly.plugins</groupId>
    <artifactId>wildfly-maven-plugin</artifactId>
    <exclusions>
        <exclusion>
            <artifactId>jconsole</artifactId>
            <groupId>sun.jdk</groupId>
        </exclusion>
    </exclusions>
    <version>1.1.0.Alpha11</version>
    <scope>runtime</scope>
</dependency>
```

Capgemini

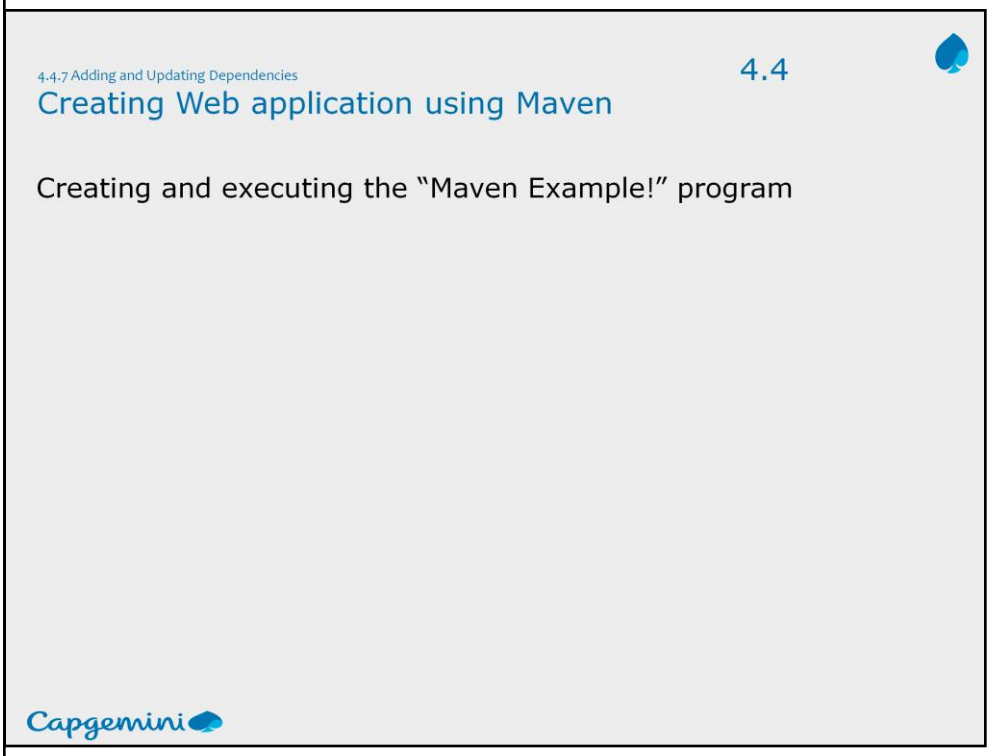
Instructor Notes:

4.4.6 Adding and Updating Dependencies

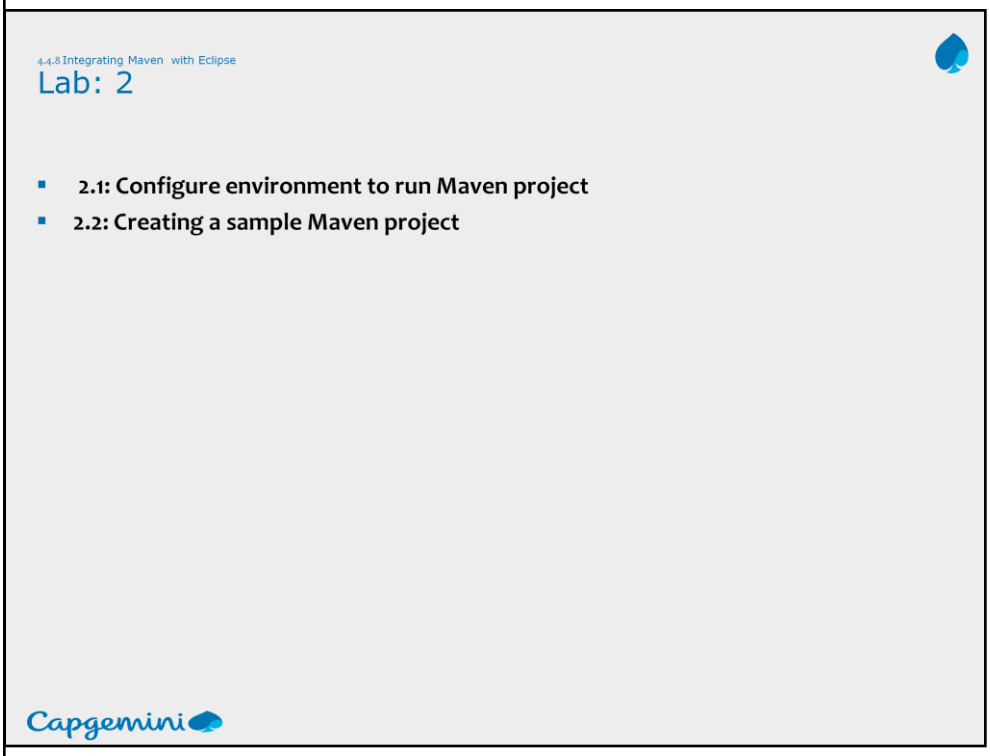
4.4 Creating Web application using Maven

Capgemini

Instructor Notes:

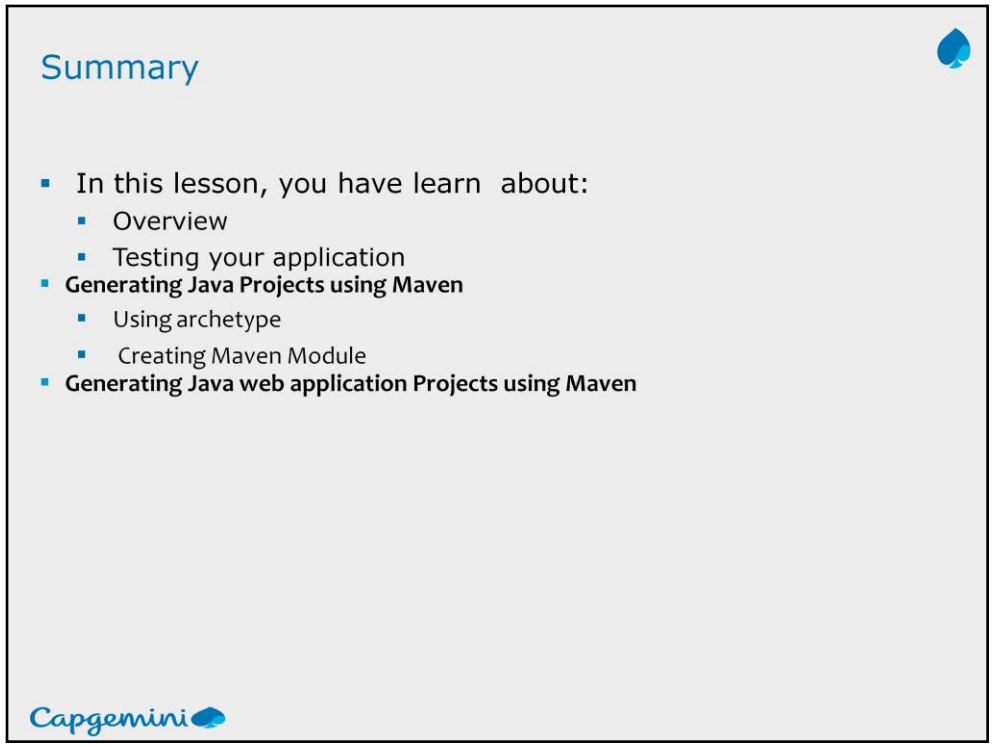


Instructor Notes:



Instructor Notes:

Explain the lesson coverage



Instructor Notes:

Answers for the Review Questions:
Question 1: True
Question 2: pom.xml

Review Question

- Question 1: mvn deploy command executes all the build phases in the default lifecycle
  - True
  - False
- Question 2:Configuration of dependencies, is specified in which of the following files?
  - pom.xml
  - setting.xml
  - .m2 folder
  - test files

Capgemini

Instructor Notes:

Answers for the Review Questions:
Question 3: Internal and Snapshot
Question 4: groupId and artifactId may be same in a project.

Review Question

- Question 3: _____repository for containing released artifacts and _____ repository for storing deployed snapshots.
- Question 4: Which of the following statements is true?
  - groupId and artifactId must be same in a project.
  - groupId and artifactId may be same in a project.
  - groupId and artifactId must not be same in a project.

Capgemini