**Dependency Management Using Maven**

**Ques4 - Differentiate between the different dependency scopes: compile, runtime, test, provided using different dependencies being defined in your pom.xml.**

**Ans -**

**Runtime -** It means that the dependency is not marked for compile time it is used in the runtime.

<dependency>

<groupId>mysql</groupId>

<artifactId>mysql-connector-java</artifactId>

<version>5.2</version>

<scope>runtime</scope>

</dependency>

**Test -** It means that this dependency is only used in the test cases or test classes.

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.12</version>

<scope>test</scope>

</dependency>

**Compile -** This is the default scope for all the dependencies there is no need to explicitly define the scope for this.

**Provided -** This scope is used to mark the dependencies that is provided at a runtime by JDK container.