1) What is Mavan and Explain its usage?

A) Mavan is a automation software written in java.

Maven dynamically downloads Java libraries and Maven plug-ins from one or more repositories such as the Maven 2 Central Repository, and stores them in a local cache.

2) How to create maven project?

A) first open Eclipse(IDE) and select new.

In new select project and new maven project and give name for the project and maven project is created.

3) Commands in maven.

A) mvn clean,

mvn compiler:compile,

mvn compiler:testCompile,

package, install, validate,

tree, analyze, verify.

4) Commands and its uses.

Clean:

This command cleans the maven project by deleting the target directory. The command output relevant messages are shown below.

Compile:

This command compiles the java source classes of the maven project.

Package:

This command builds the maven project and packages them into a JAR, WAR.

Install:

This command builds the maven project and installs the project files (JAR, WAR, pom.xml, etc) to the local repository.

Validate:

This command validates the maven project that everything is correct and all the necessary information is available.

Tree:

This command generates the dependency tree of the maven project.

Generate:

Maven archetypes is a maven project templating toolkit. We can use this command to generate a skeleton maven project of different types,

such as JAR, web application, maven site, etc.

5) Maven life cycle.

A) Validate--compile-test-package-integration-test-verify-install-deploy.