

1. How to skip test cases in the maven?
 - a. mvn package -Dmaven.test.skip=true
2. What is maven?
 - a. Maven is project management tool, but popularly used as build and dependency management tool.
3. What are the repositories maintained by maven
 - a. Central (Over internet accessible for all)
 - b. Remote (Specific to company)
 - c. Local (On the machine where we run maven commands)
4. What is the path of maven local repository
 - a. <USER_HOME>/.m2/repository
5. Can we change the default path of local repository?
 - a. Yes, need to change it in *settings.xml*
6. What is maven's build lifecycle?
 - a. When we run maven command it executes the tasks in the following order
 - i. **Validate**
Validates pom.xml for syntaxes and also validates the dependencies declared in the pom.xml
 - ii. **Compile**
Compiles the source code
 - iii. **Test**
Executes Junit test cases
 - iv. **Verify**
Verifies integration test cases if it is configured
 - v. **Package**
Creates a software package(jar/war/ear)
 - vi. **Install**
Installs the artifact (jar/war/ear) into the local repository
 - vii. **Deploy**
Uploads artifact (jar/war/ear) into the remote repository
7. What are snapshot version and release versions in maven?
 - a. By convention SNAPSHOT version means this version is currently under development. If our project depends on SNAPSHOT version, maven always downloads this version from (Central/Remote repository), without depending on the local copy.
If version is ending with -SNAPSHOT, then it is considered as snapshot version.
 - b. By convention RELEASE version means, this version is released, once this copy is downloaded to the local repository, same copy is used next time onwards
Note: If version is not ending with -SNAPSHOT then it is considered as release version.