

5. A build lifecycle is made up of phases

- Validate → Validate the project is correct and all necessary information is available
- Compile → Run the source code of the project (checking if there is any error or not, if not → build success)
→ Target folder is created, and Reports will be stored here
- Test
 - Test the compiled source code using a suitable unit testing framework.
 - Should not require the code to be packaged or deployed
 - Mvn D(VariableName) = testname → Run specific tests based on the parameter
- Package → Take the compiled code and package it in a distributed format, like JAR
- Verify → Runs any checks on results of integration tests to ensure quality criteria are met
- Install → Install the package into local repo, for use as dependency
- Deploy → Done in the build environment, copies the final package to the remote repository for sharing with other devs and projects

6. How do you convert maven project to eclipse project?

- Mvn eclipse

7. How java projects are made?

1. Create folders/packages
2. Add libraries/dependencies
3. Create class files
4. Compile
5. Run tests
6. Deploy

8. Where do you find your dependencies/libraries?

- Mvnrepository.com
- Update project if maven not working
 - When you have dependencies inside your pom file and you use update, maven will pull the JAR files from internet and add it to your project

9. What is .m2 folder?

- Where your jar files/repositories are saved in your computer

10. What is POM xml file?

- A file that manages the whole project
- When you run a maven command, everything should be done through the pom.xml

11. Versions of tools?

- RestAssured 3.3.0 release date: 2019-01-11