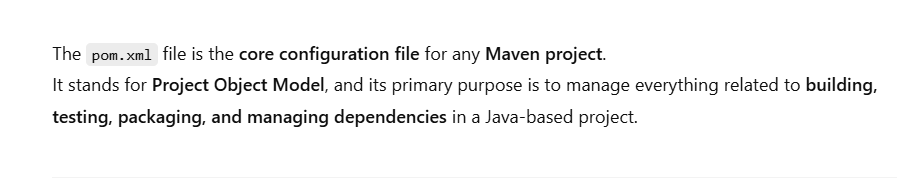
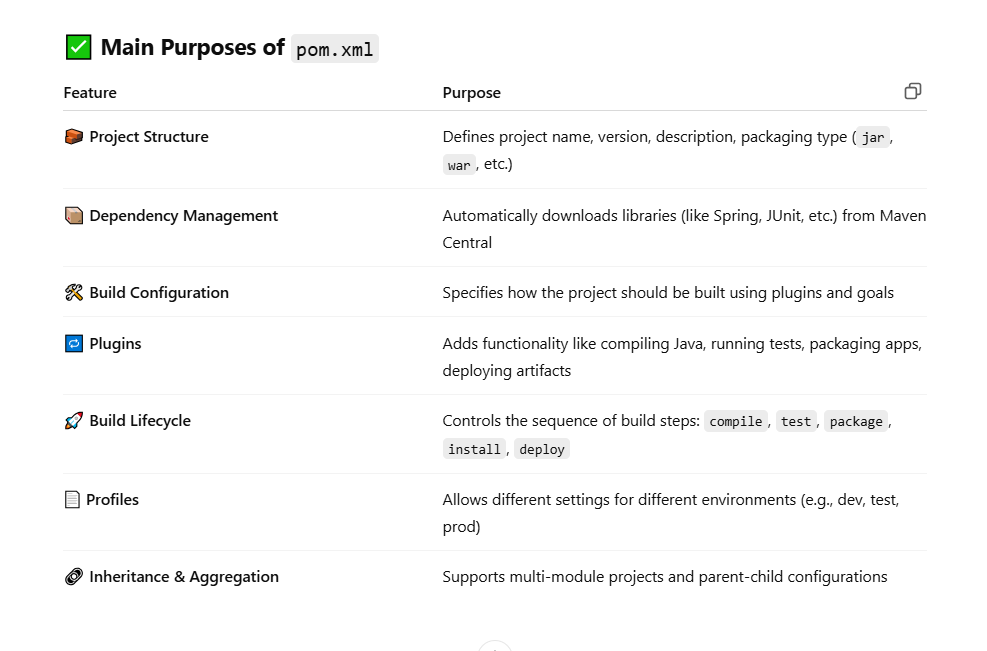
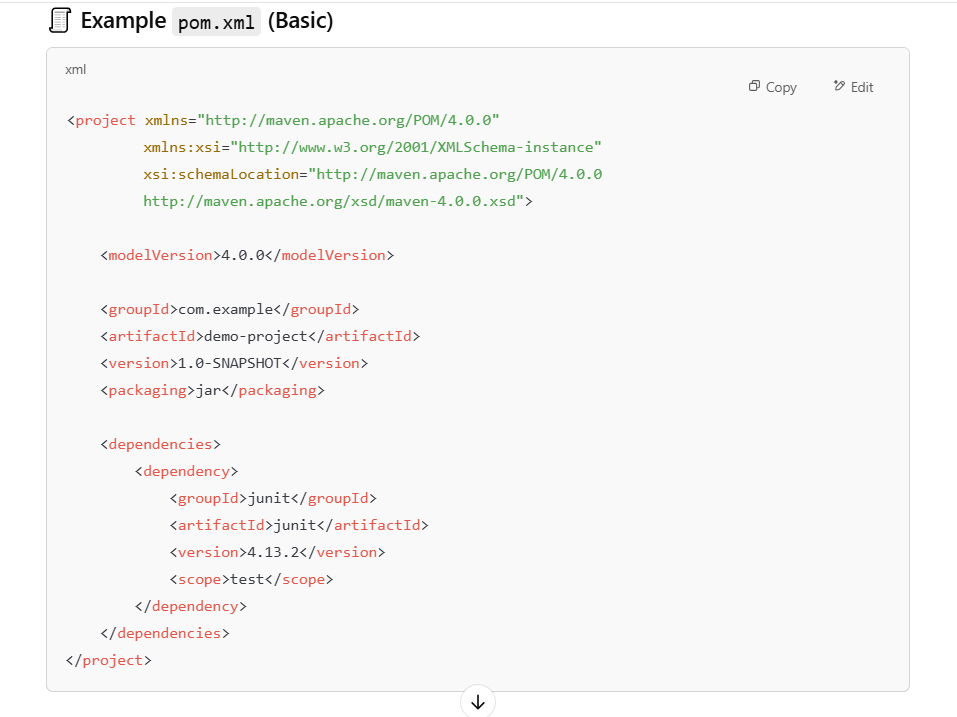
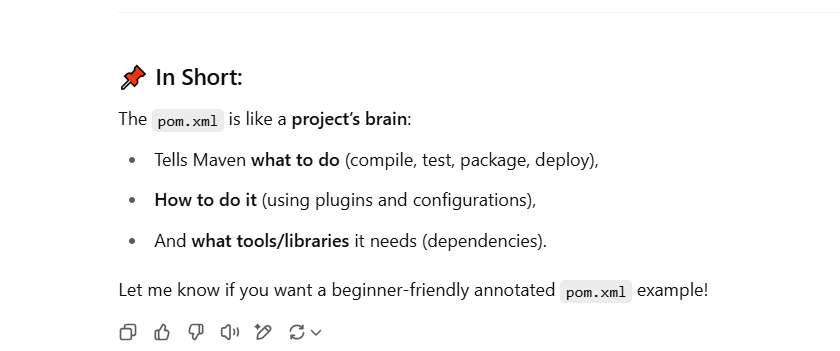
In Maven Java project we have a file called pom.xml file written by developer

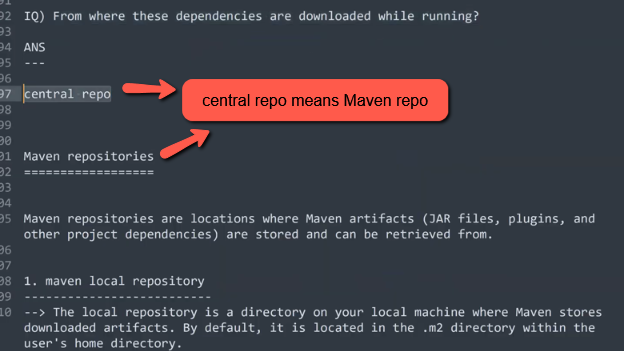


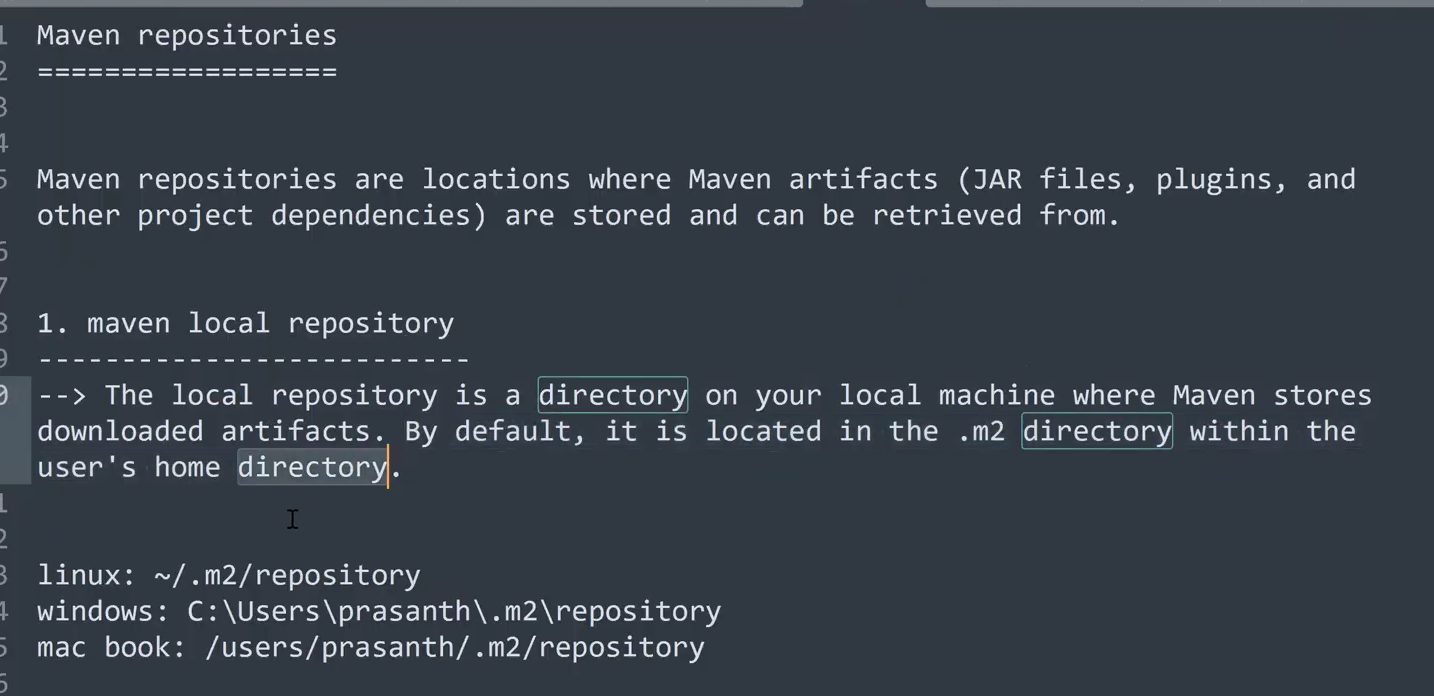




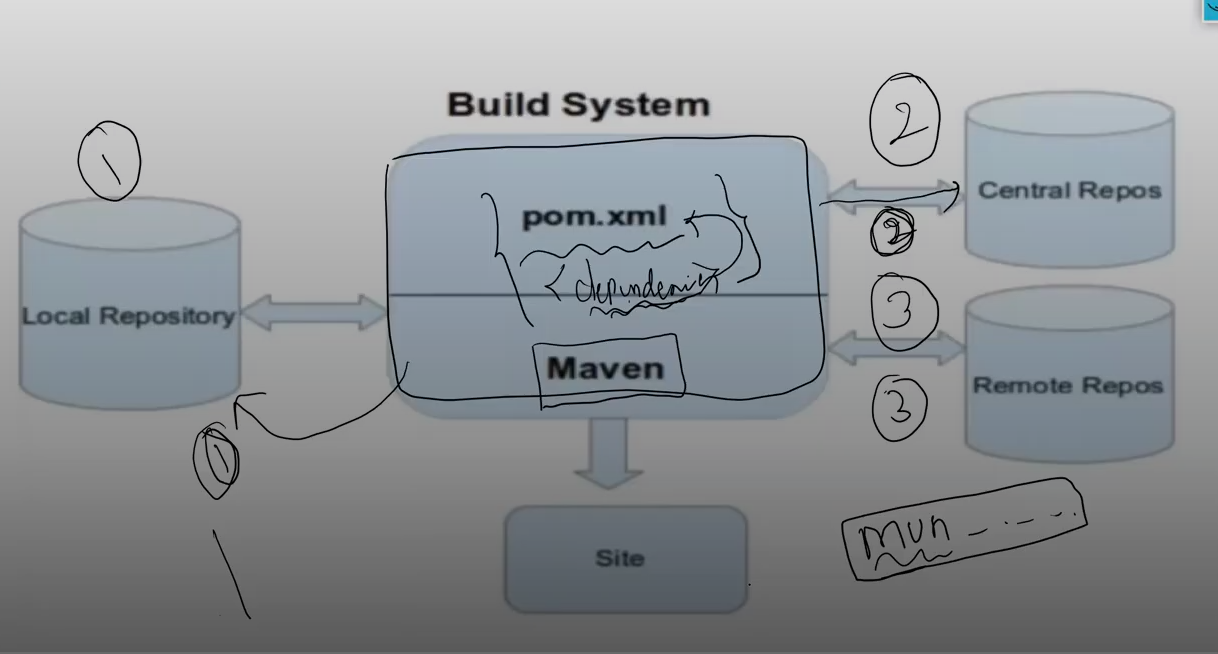


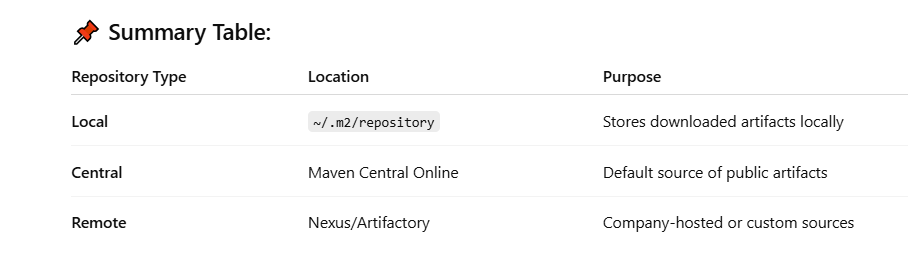


Below is the Interview Question asked in many interview the question is realted with dependencies  
  


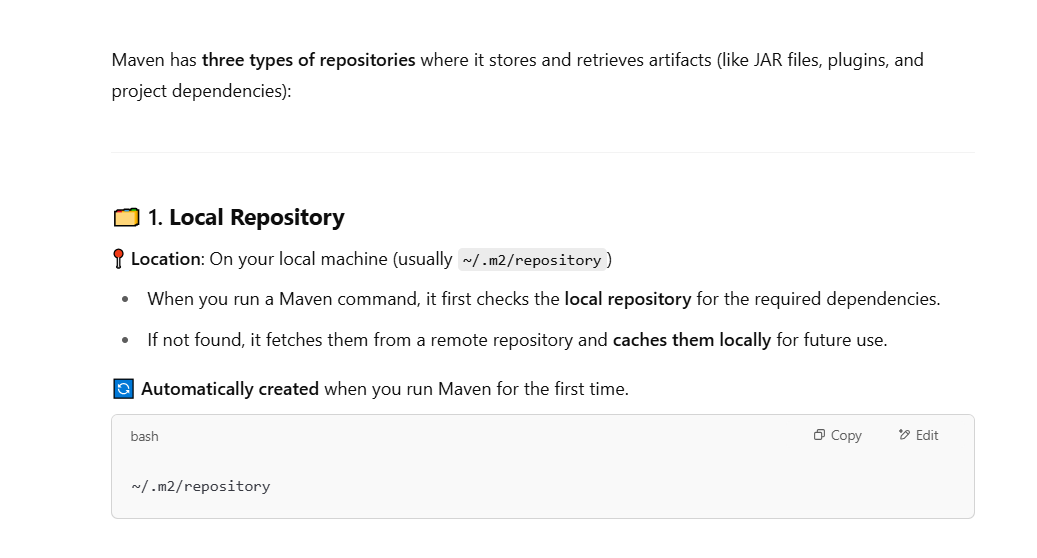


In maven we have three types of Repositories Maven Local repository , Central Repository , Remote repository.

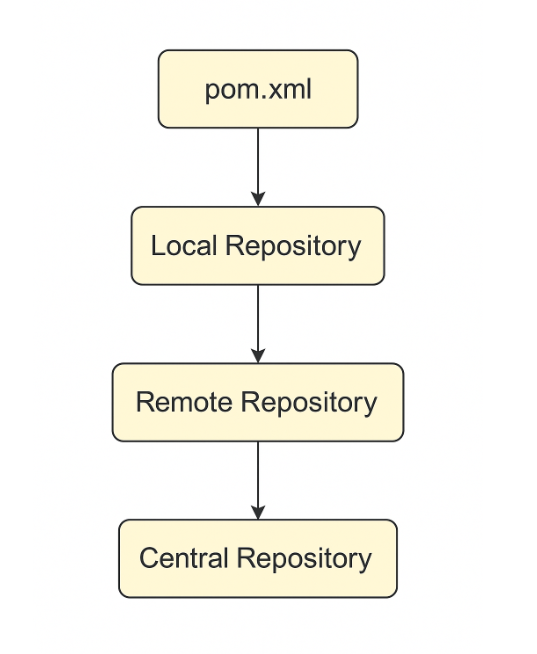


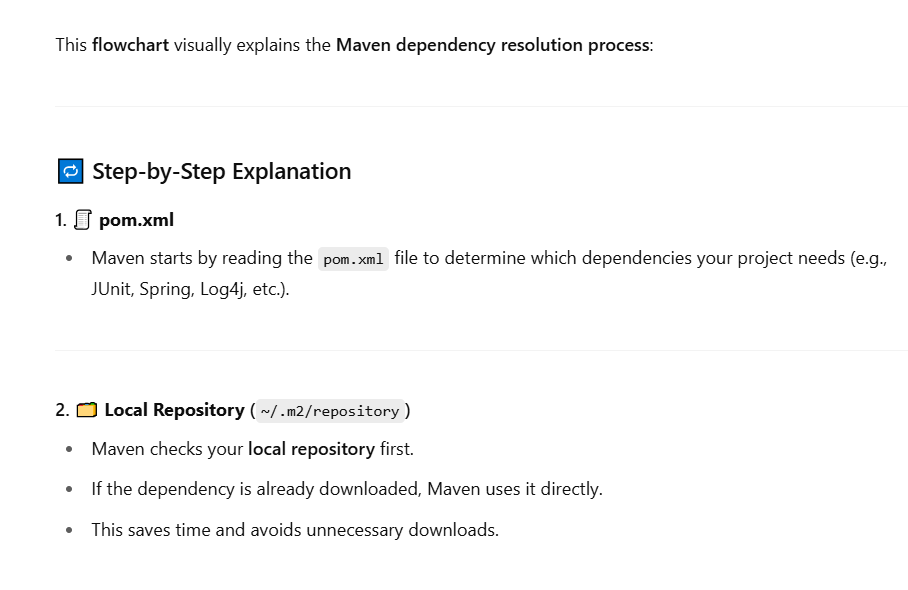


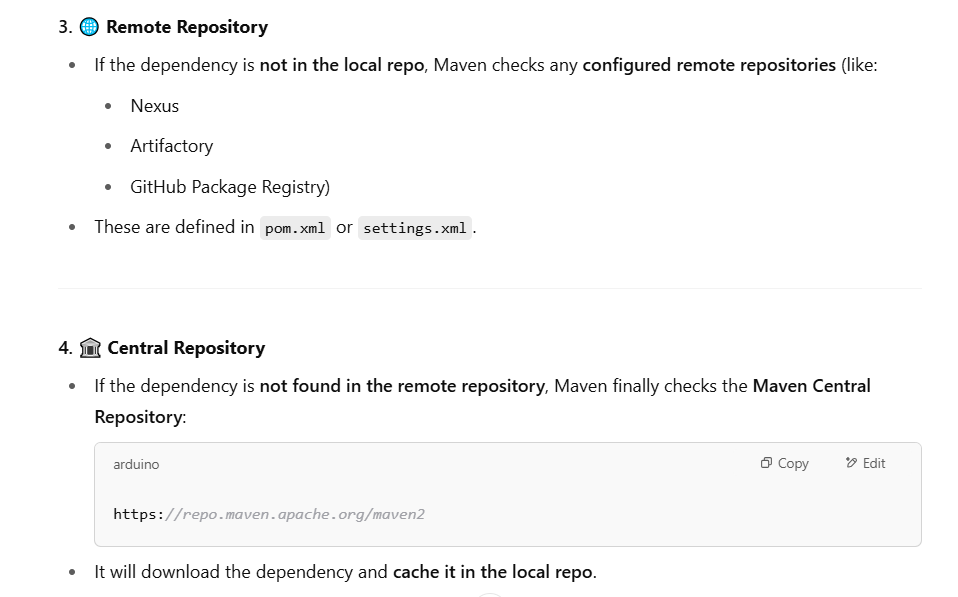
In maven all the dependencies will be stored in a hidden directory .m2/repository

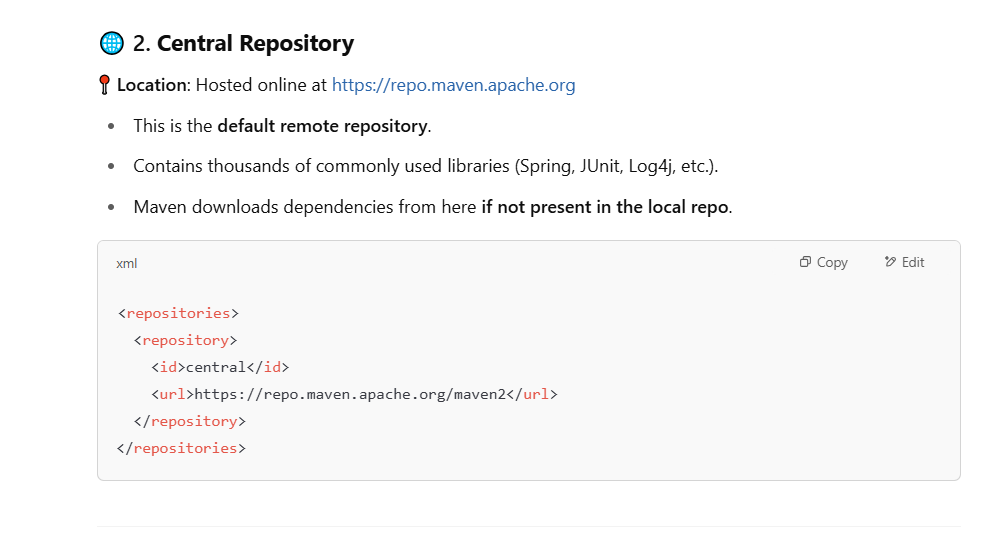


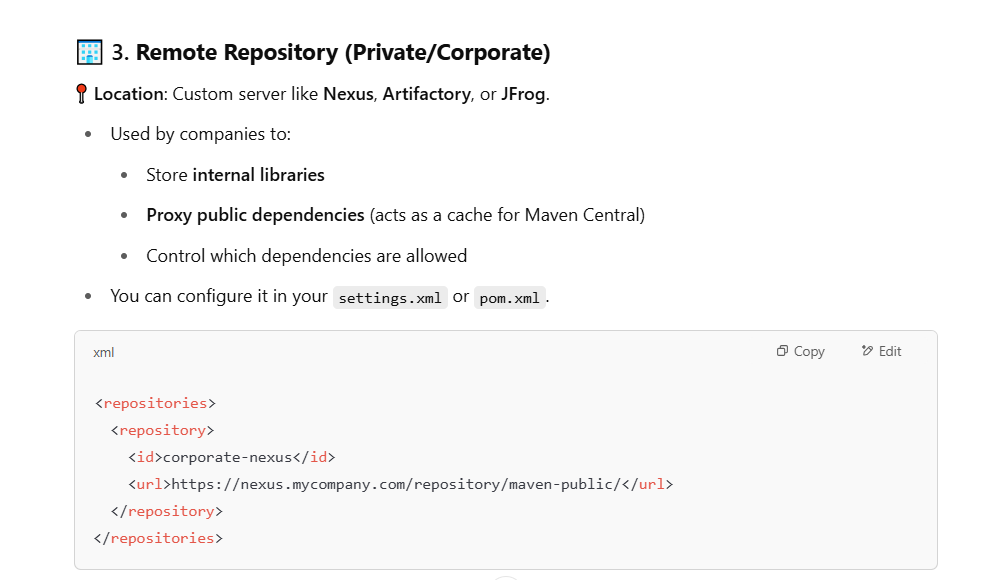
Whenever a Maven command is executed, it checks the pom.xml file for any dependencies.  
It first looks for those dependencies in the **local repository(.m2/repository)**.  
If they are **not found**, Maven will fetch them from the **Central Repository** (or any other configured remote repository) and **store them in the local cache** for future builds.

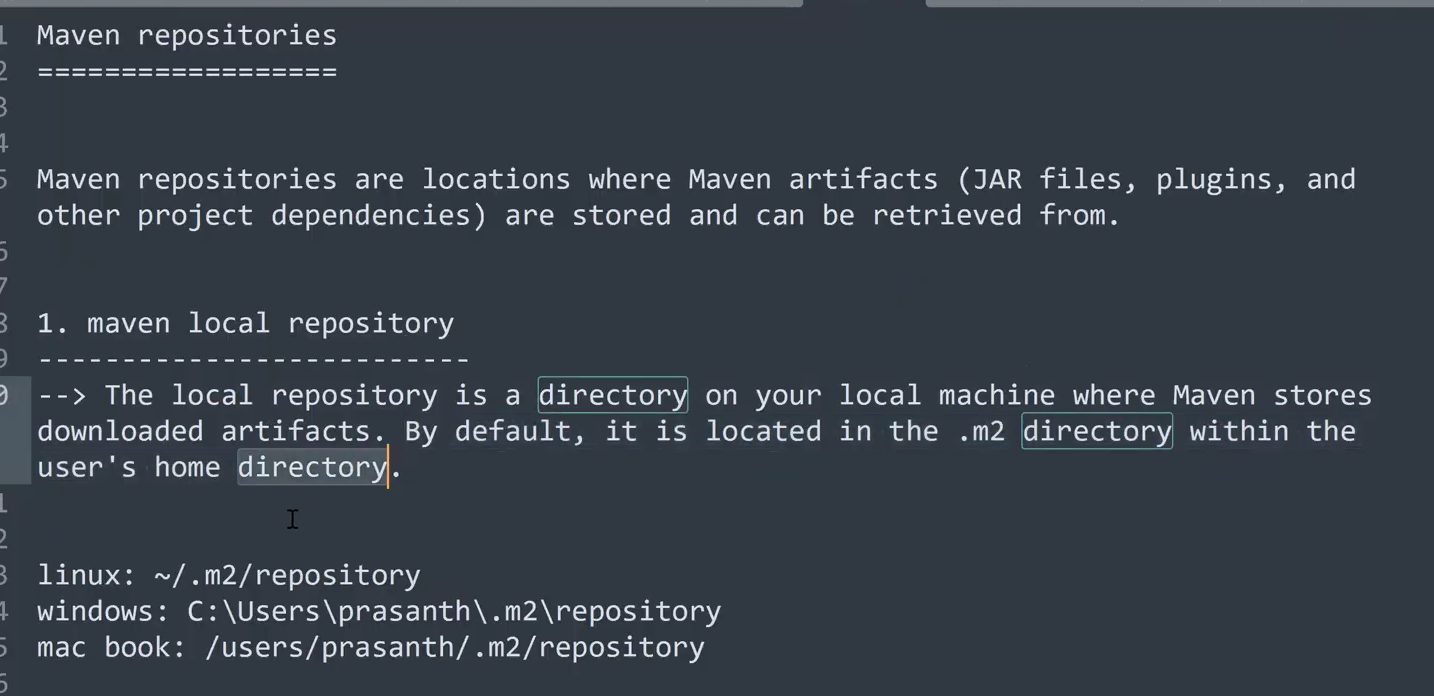












Let’s try to switch to ~/ .m2/repository in our Linux server

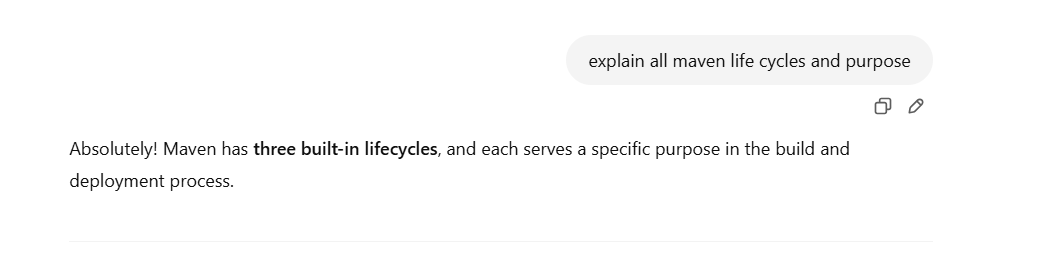
Very Important Interview Question

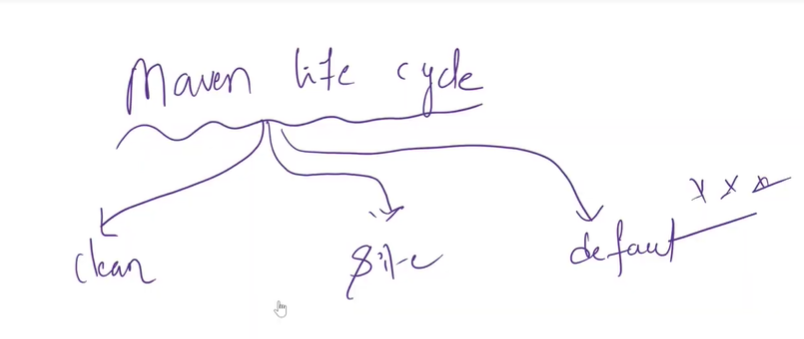
Maven Life Cycle

Explain about Maven Life Cycle

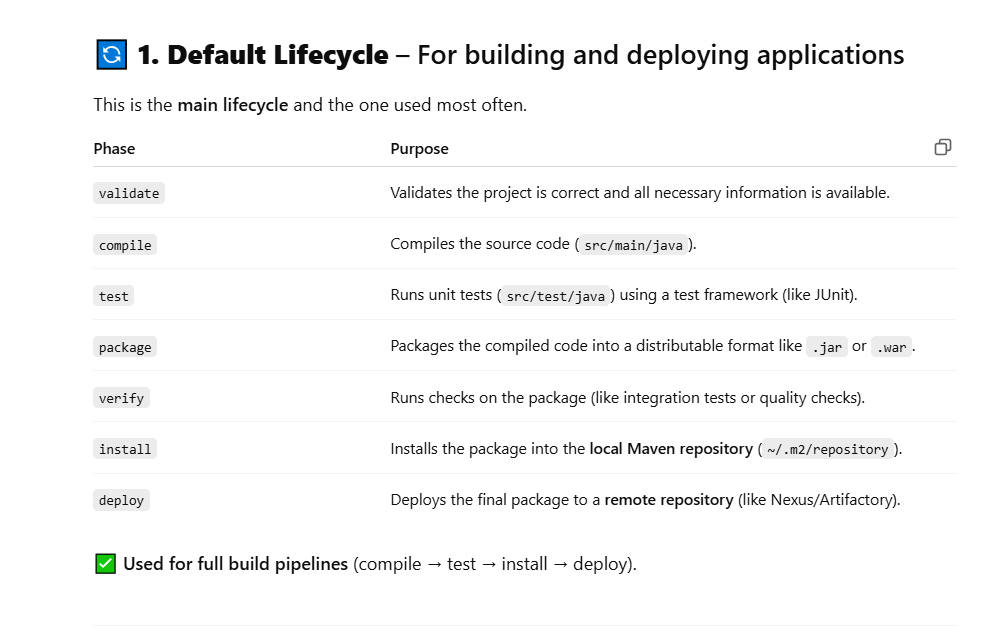
Maven life cycles

=================

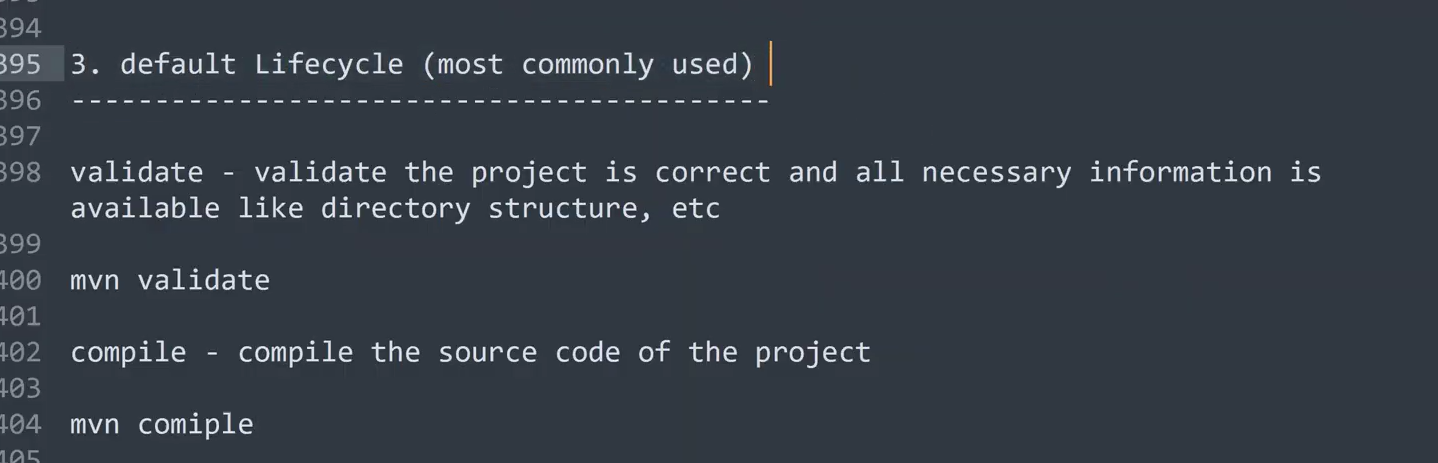




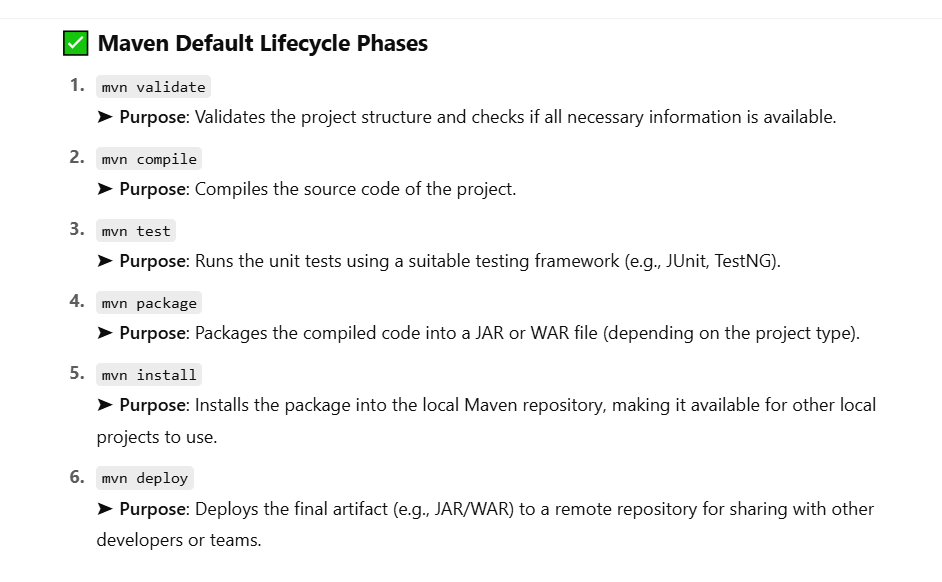
In the below life cycles phase = goals  
  
For example Default LifeCycle has Validate ,compile , Test ,Package,Install,deploy goals

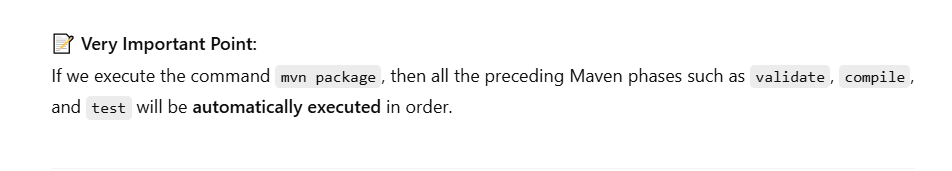


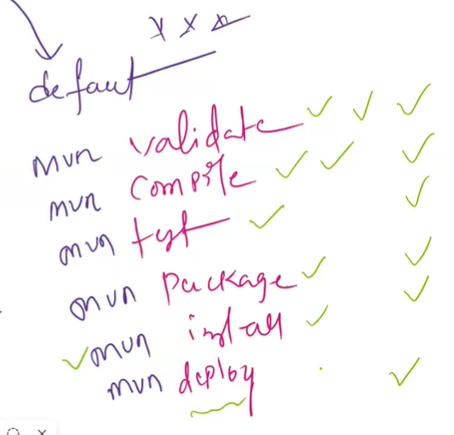
Default life cycle is Very important life cycle for Devops engineer

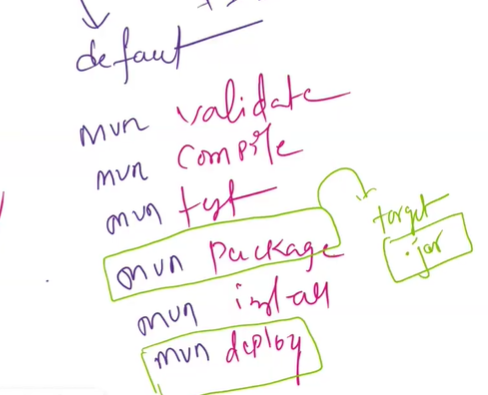


All the goals of the Default Lifecycle will be achieved by executing the the following commands

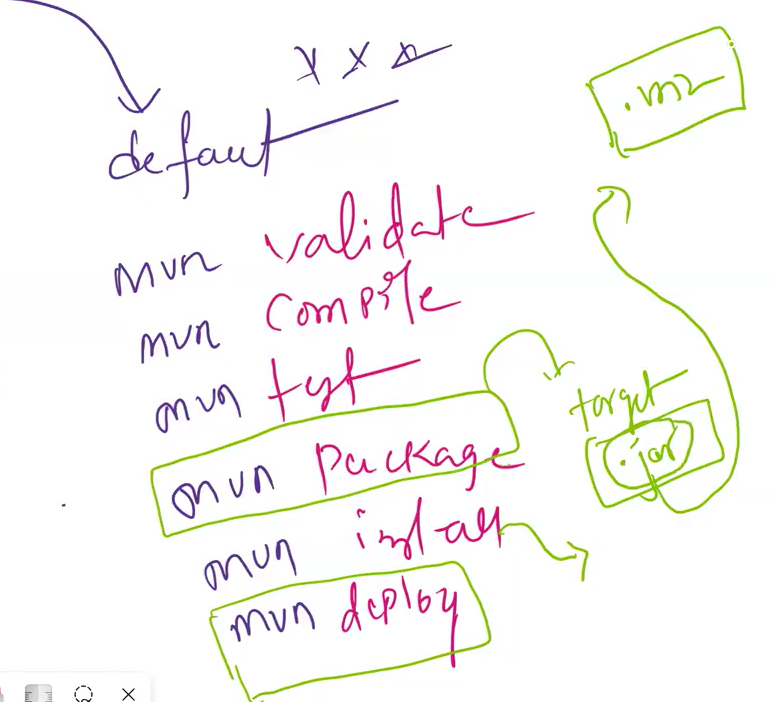


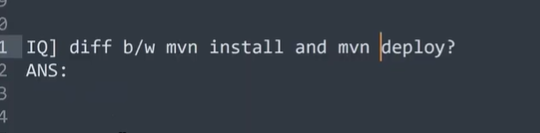


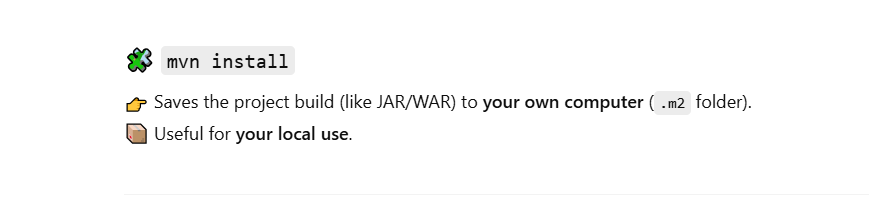


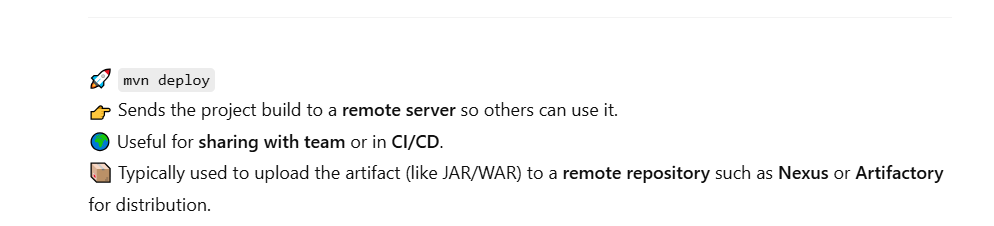
When we execute the command *maven*package it will create JAR,(or) WAR, (or) EAR in the target directory  


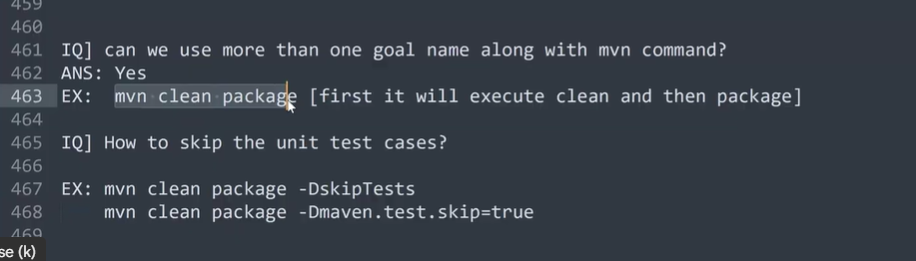
If you execute the command *mvn install* after executing *mvn package* command then that jar file(artifact) will get copied or stored in .m2 repository from Target directory

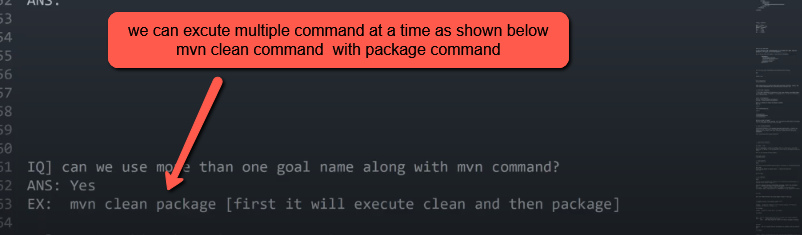


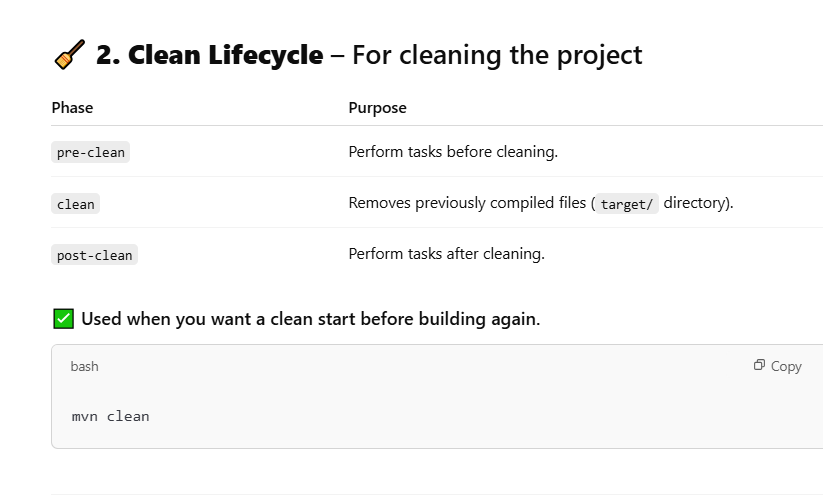
Interview question 



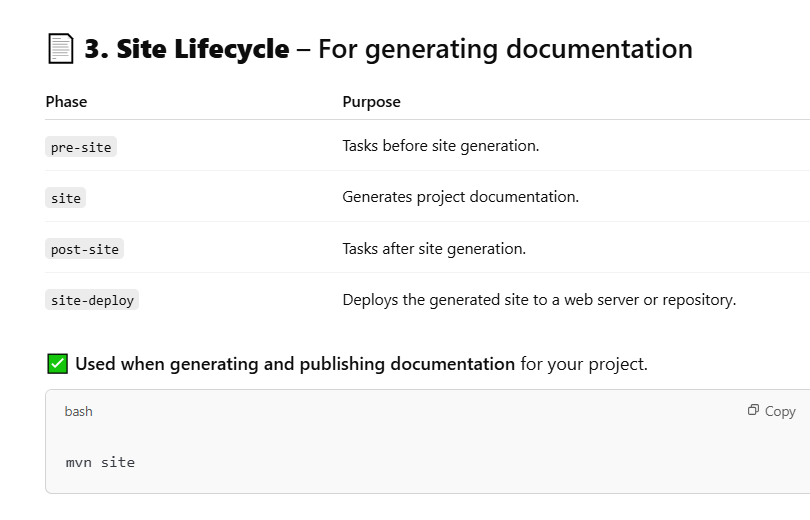


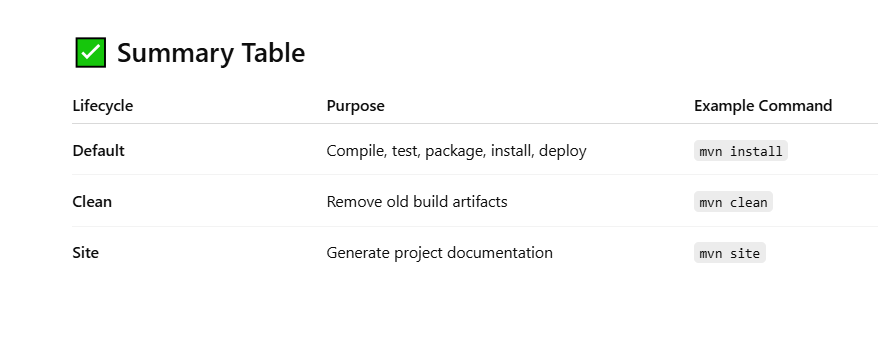






The below Site Lifecycle is already outdated & not using nowadays





Lets execute the Maven commands from *mvn valid* to *mvn install* command using a standalone application