Jenkins

1. **What is Jenkins, what it is used for ?**   
   **Ans)** Jenking is a continuous integration tool ,with use of plugins we can convert to continuous delivery.  
   \* With Jenkins we can pull code from git server ,compile ,build using maven and build to war and ear file then we can push to repository or direstory , deployed to tomcat   
   \* bamboo is its compitor.

Developer maven TomCat

Pull Push

Directory/ Repository

Compile and build (war/ear)

Code in git

inmim

1. **What are the advantages of Jenkins?  
   Ans)** Bugs are easy to identify at initial stage.   
    \*Multiple developers can work in single project.  
    \* Automated process of code submition.  
    \* Provides a large no of plugins  
    \* Improves code ,Lets the developer to know if code is failed or approved.
2. **What is “Plugins” in maven ?  
   Ans)** Plugins are used to create jar,war files compile code ,unit test, it is the actual place where all works are done .
3. **What is the difference between Repository and Directory?  
   Ans)** Directory is File used do save images ,videos and files  
    \*Repository is for storing code for developer.
4. **How to install Jenkins?  
   Ans)** Step 1.intstall (yum –y)

Step2.Install jdk to run java we need min 2gb ram