**MAVEN**

1. **Install :JDK (Java \_home : without Bin)**

**JRE(Java\_path : with Bin)**

**Maven \_ Home Maven \_ Path**

1. **POM Life cycle:**

**Generate->compile->test->Package -> Install-> Deploy**

1. **GAV**

**Packaging: Jar files contains .Class files**

**War files contains web applications ie JAR+Config+XML**

1. **To start Maven need to create Directory Structure using**

**MVN ARCHETYPE: GENERATE**

1. **Plug gins will be added after properties module is POM.xml file**

**Profiles->Build->Pluggin->Artfactid,version id-> Executions-> phases ->goals-.Configurations->task.**

1. **Competitors:**

**Makefile->ANT->NANT->MSBUILD->MAVEN->GRADDLE**

1. **MVN Procedural ANT Declarative Gradle (Procedural + Declarative)**
2. **Execution of Maven without interactive Mode:**

**Mvn archetype:generate –DgroupID=aaa –DartifactId=bbb –DarchetypeartifactId=ccc -DinteractiveMode=false**

1. **.M2 : local repository for all packages**

**JENKINS**

1. **Localhost:8080**
2. **Jenkins username : admin**

**password:** **ca96a576702c4e90bd5b5c3f38c32906**

1. **Tomcat server : activate cheyali for that we need to go bin in gitbash and execute bash startup.sh**

**Then war file is to be placed at the workspace in particular job then we need to give the details of war file details and path in post build actions of current job**

**AZURE DEVOPS**

1. **IAM**
2. **VM**