**Week 6**

**Deploy the artifact on the Test Server**

Softwares:Jenkins(port:8080),JDk 17 or 21,Tomcat 9 (port:9090),Gitbash

(Here we are creating one artifact war file. That war file we are deploy to test server(Tomcat server) using Jenkins Server)

**Step1:-**Lunch Jenkins and Login(Use AWS or Software)

**Step2:**-Lunch Tomcat Server and login(use AWS or Software)

**Step 3:-**Install plugins

Go to Manage Jenkins🡪Plugins🡪Install Plugin select verify Git🡪Go to Available plugins install Maven integration and Deploy to container.

**Step 4:-**set up git path and maven installation in Tools

Go to manage Jenkins🡪Tools🡪In git installation select path(Git bash) if your using Jenkins software or AWS leave it 🡪In maven Enter name Maven and default installation🡪Apply and Save.

**Step 5:-**Creating New Job for deploy artifact in tomcat test server

1. Create New Item🡪 Enter name DeploytoTestServer 🡪select freestyle project🡪click ok
2. Select git 🡪paste maven project url form Github🡪Must and should match branches
3. Go to Environment 🡪Select Add timestamps to the Console Output
4. Go to Build Setups🡪Select **Invoke top-level Maven targets🡪Maven Version enter maven 🡪Goals clean install.**
5. **Go to** Post-build Actions🡪Select **Deploy war/ear to a container🡪**WAR/EAR files enter \*\*/\*.war🡪select Containers **Tomcat 9.x Remote🡪Add credentials like username, password, Id and description.-->Tomcat URL http://localhost:9090 🡪Apply and save.**

**Step 6:-** Build war File

1. Click Build now 🡪Go to Build select console output now you got Successfully Finish.

**Output:-**

