**ASSIGNMENT – 2**

**JENKINS  
  
  
  
  
  
  
  
  
DONE BY  
RANJITH KUMAR**

**Tasks To Be Performed:**

1. Add 2 nodes to Jenkins master

2. Create 2 jobs with the following jobs:

a. Push to test

b. Push to prod

3. Once a push is made to test branch, copy Git files to test server

4. Once a push is made to master branch, copy Git files to prod server

STEPS:-

1. Create an EC2 instance and install java and Jenkins in it
2. Create EC2 instances ana install java in it(I named it as slave 1&2)
3. Login into Jenkins server
4. Select manage Jenkins > nodes > new node
5. Select nodes, click on new node, then give then the name of the node and type permanent agent. Enter the remote root directory as /home/ubuntu/Jenkins/ . In launch method select “Launch agents via SSH”. In hostname add the Private IP DNS name (IPv4 only) of the instance. Add the credentials:- change to “ssh username with private key” in ID give an identifier in username give ubuntu in private key copy and paste the pem key.
6. In Host key verification strategy change to “Non verifying verification strategy”
7. Save and apply
8. Now create a job :- Name of the job > Freestyle project > In “github project” paste the URL > In “Restrict where this project can be run” label expression as slave1
9. In SCM enter the github repository link

10. Save the job and select build now

11.Similary another node used in other job and does the same

































