Jenkins Assignments

Assignment2) Jenkins Git Webhooks (Auto building jobs by commiting changes in repository)

Steps:

1) Create EC2 instance connect it, got to mnt, download java 11, make one directory and inside directort download apache tomcat, unzip it and give permission to tomcat
2) Got to webapps in tomcat and download jebkins war file. Log in to Jenkins by copyting (IPV4:8080/Jenkins) in browser. Got to cd.. cd /root/ to root directory, ls -ltra you will get .jenkins (home directory of Jenkins
3) Get password from here by cat and password link on Jenkins UI. Put password over there and log in to Jenkins
4) Create admin user by username, password, full name, emailed, install selected plugins, start using Jenkins
5) Create manually three repository in github manually and add three multiple files through VI editor using git init, git add, git commit, git remote add origin, git push origin master
6) Go to Jenkins, go to system, go to git server, select git server, select secret key, put git token there, give description do test, u will see git integrated with Jenkins successfully
7) Go to repository setting, select webhooks, add Jenkins url/github-webhooks/ over there, select application json format
8) Create a job, job name, free style project, job description, discard old builds, github link, github credentials, gitSCM polling, save and apply
9) Now to go to repository go to file and edit the file, commit the changes and save.

10)Come to Jenkins your job will auto build as you have made changes in the repository, it will instantly modify in job

HERE ARE SCREENSHOTS