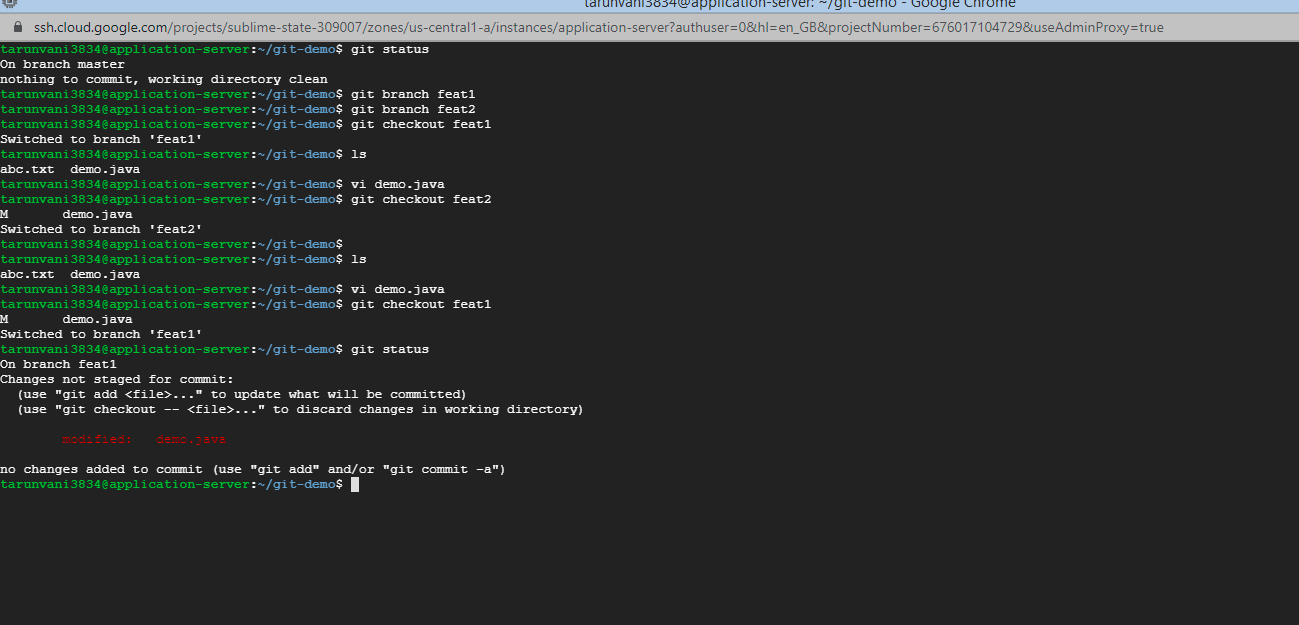
1614027\_Tarun\_Day2\_Assignment

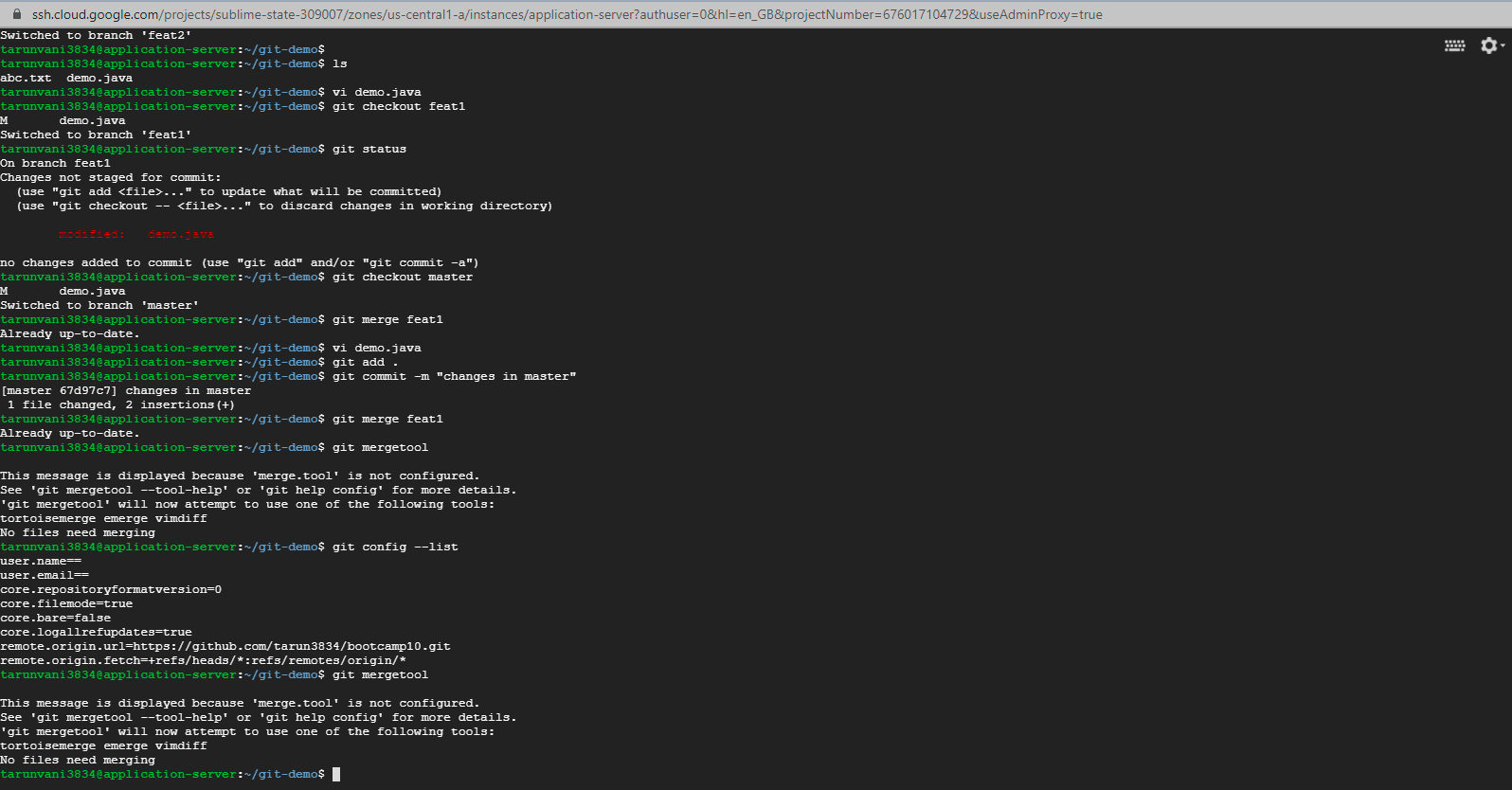
A ) GIT

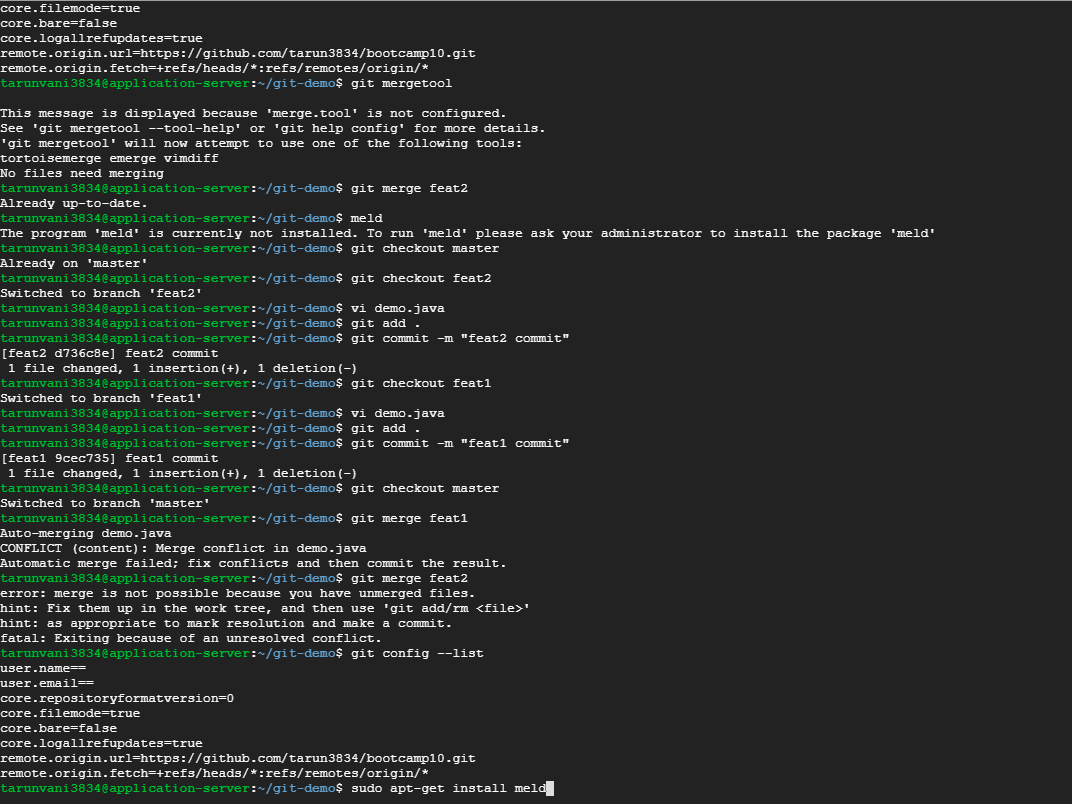
create two separate branches from master

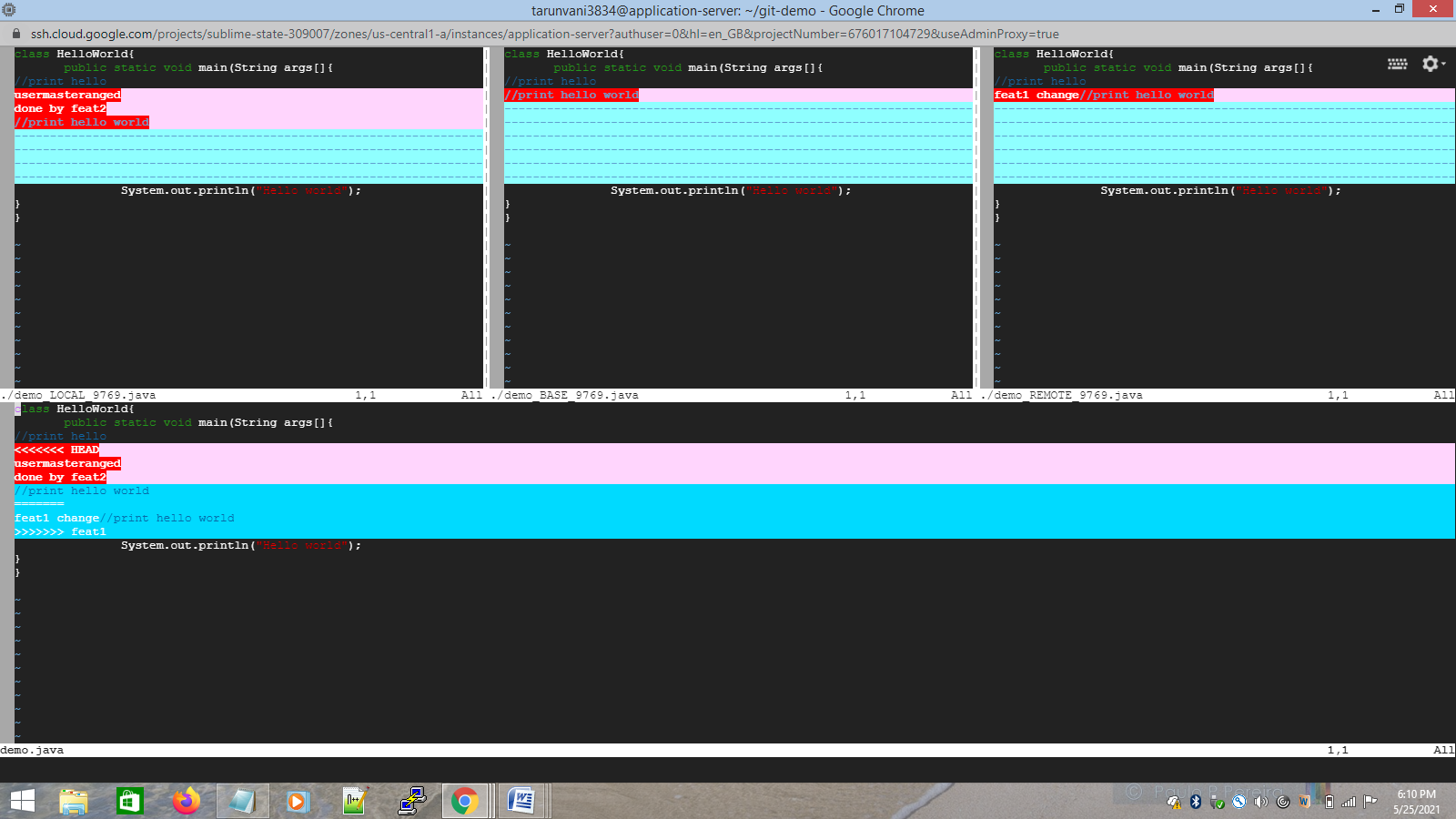
make changes in same function of source code in both branches.

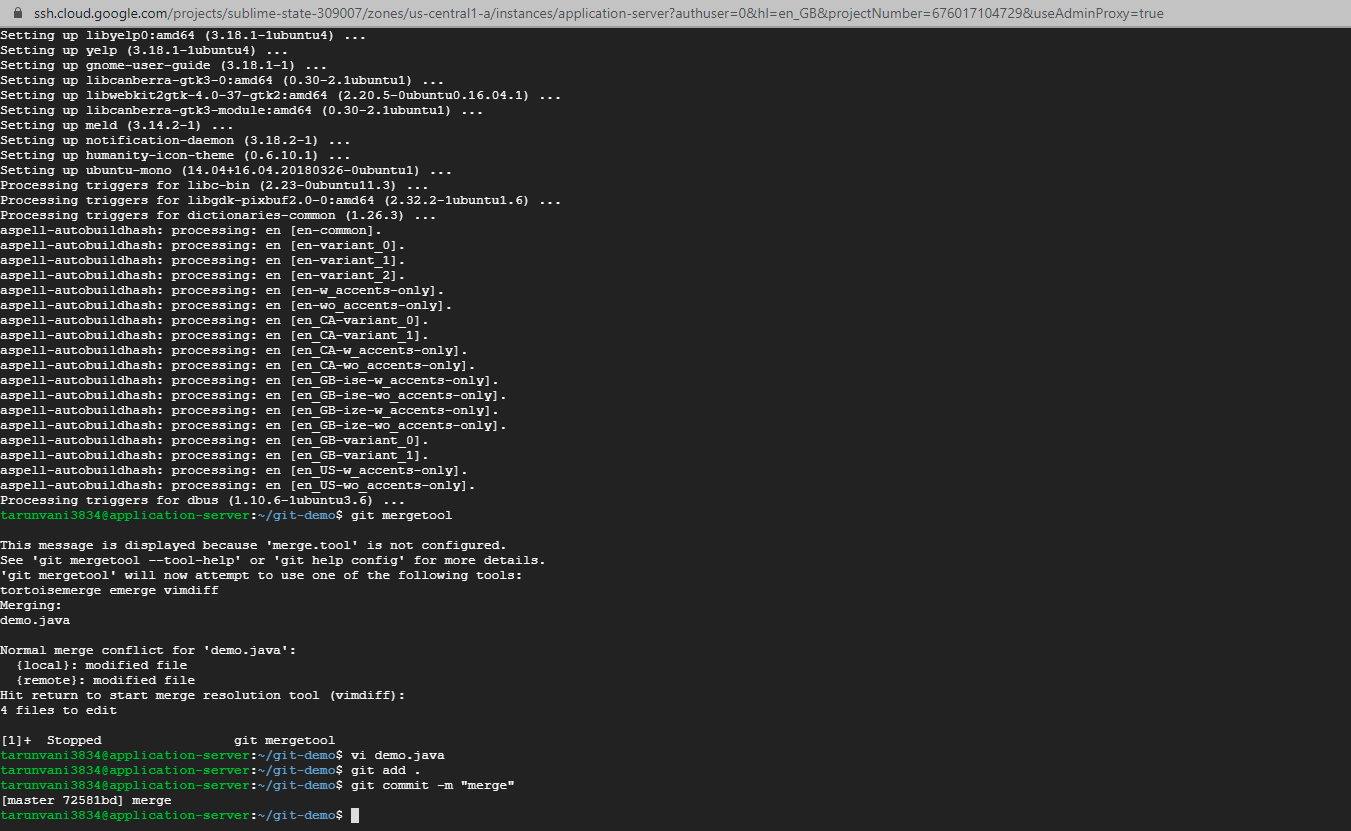
merge branch1 into master





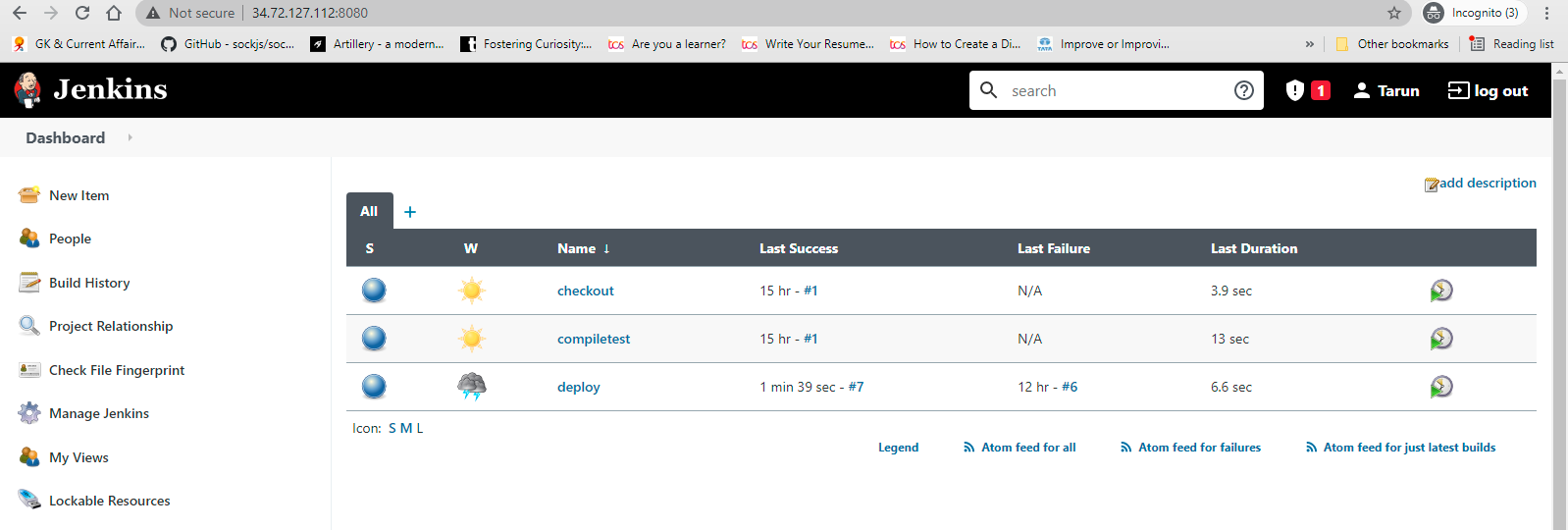






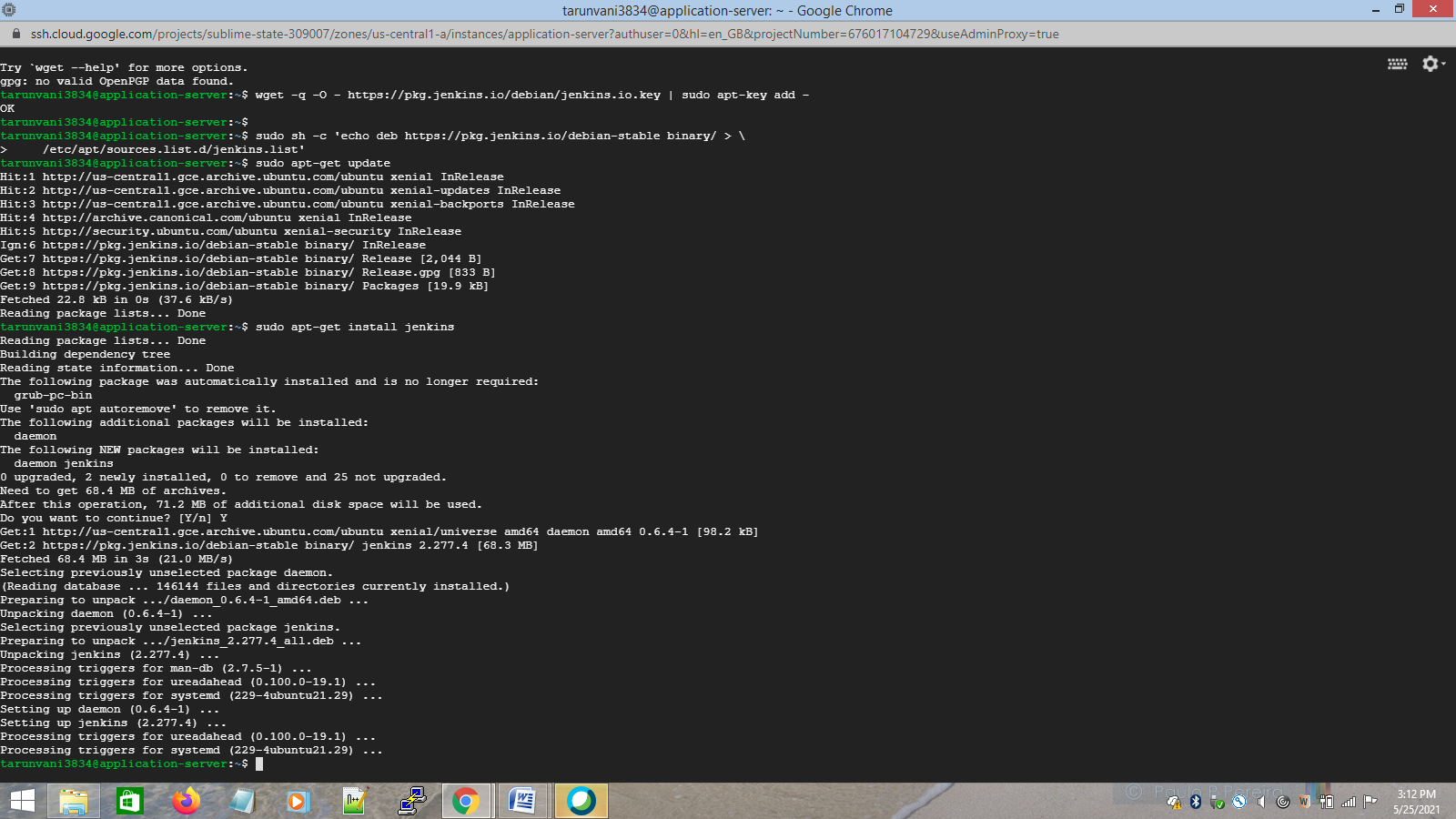
Jenkins

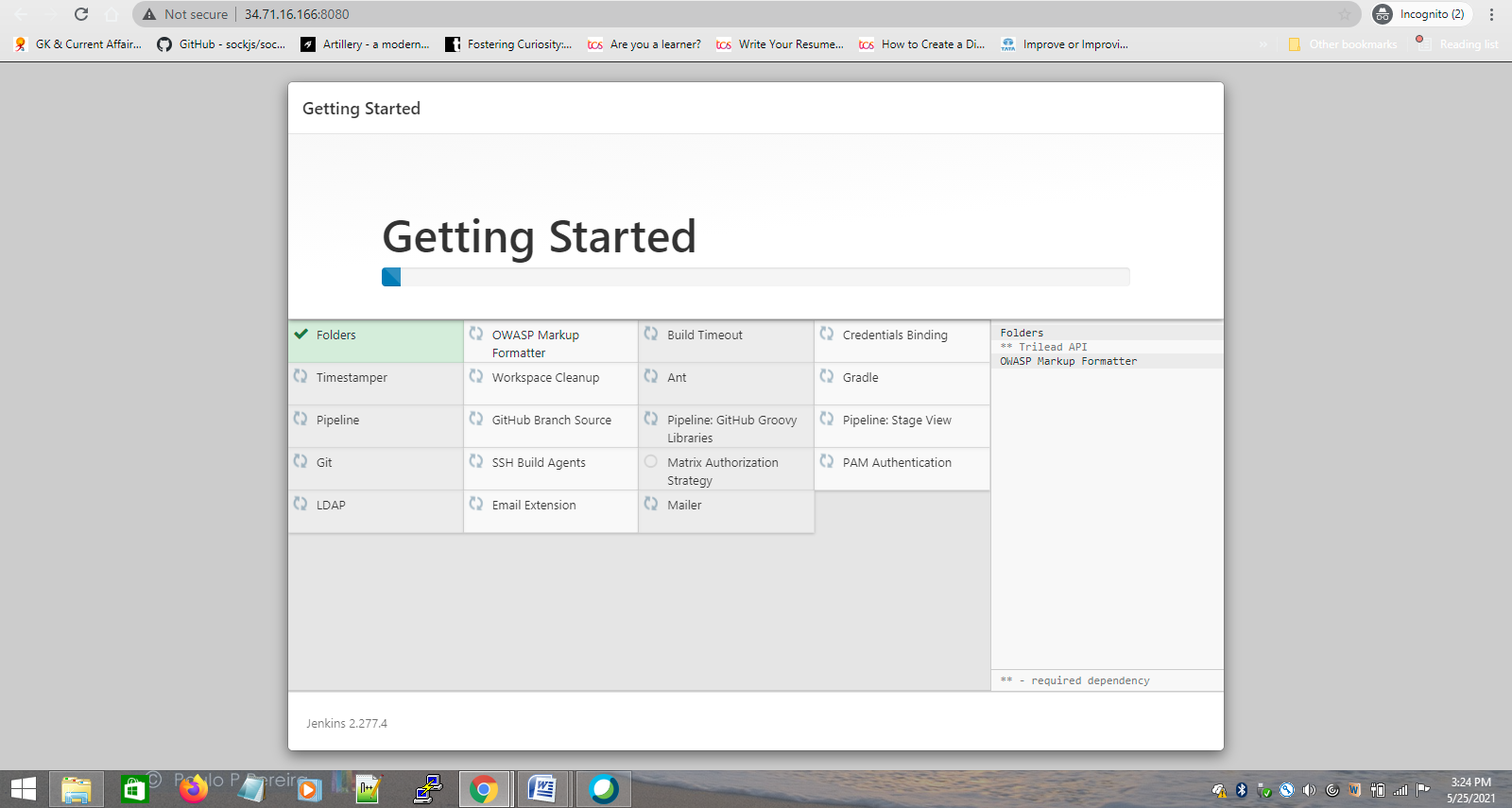
1) Create multiple free style projects in jenkins.



- Checkout

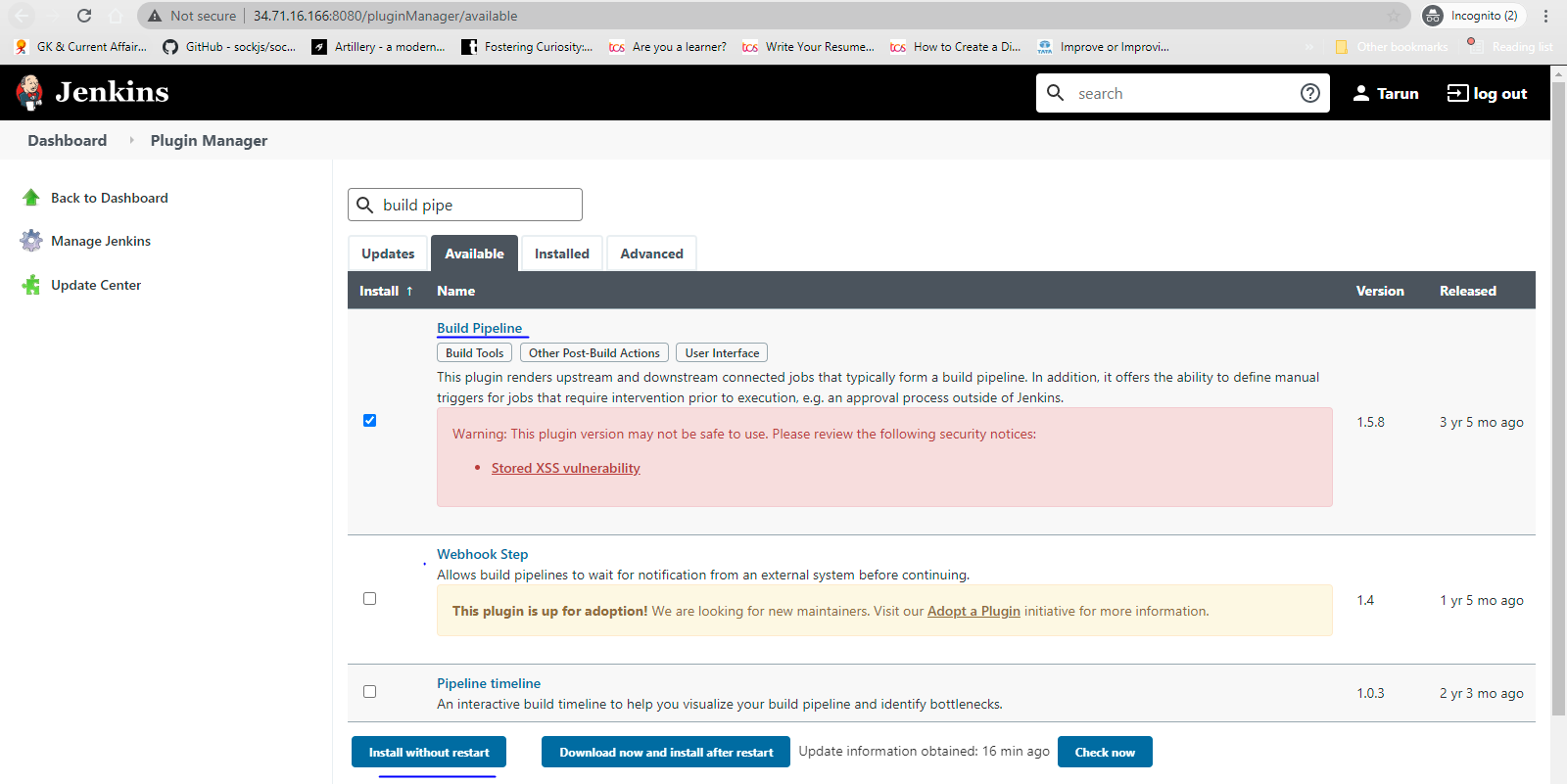
Install jenkins on GCP

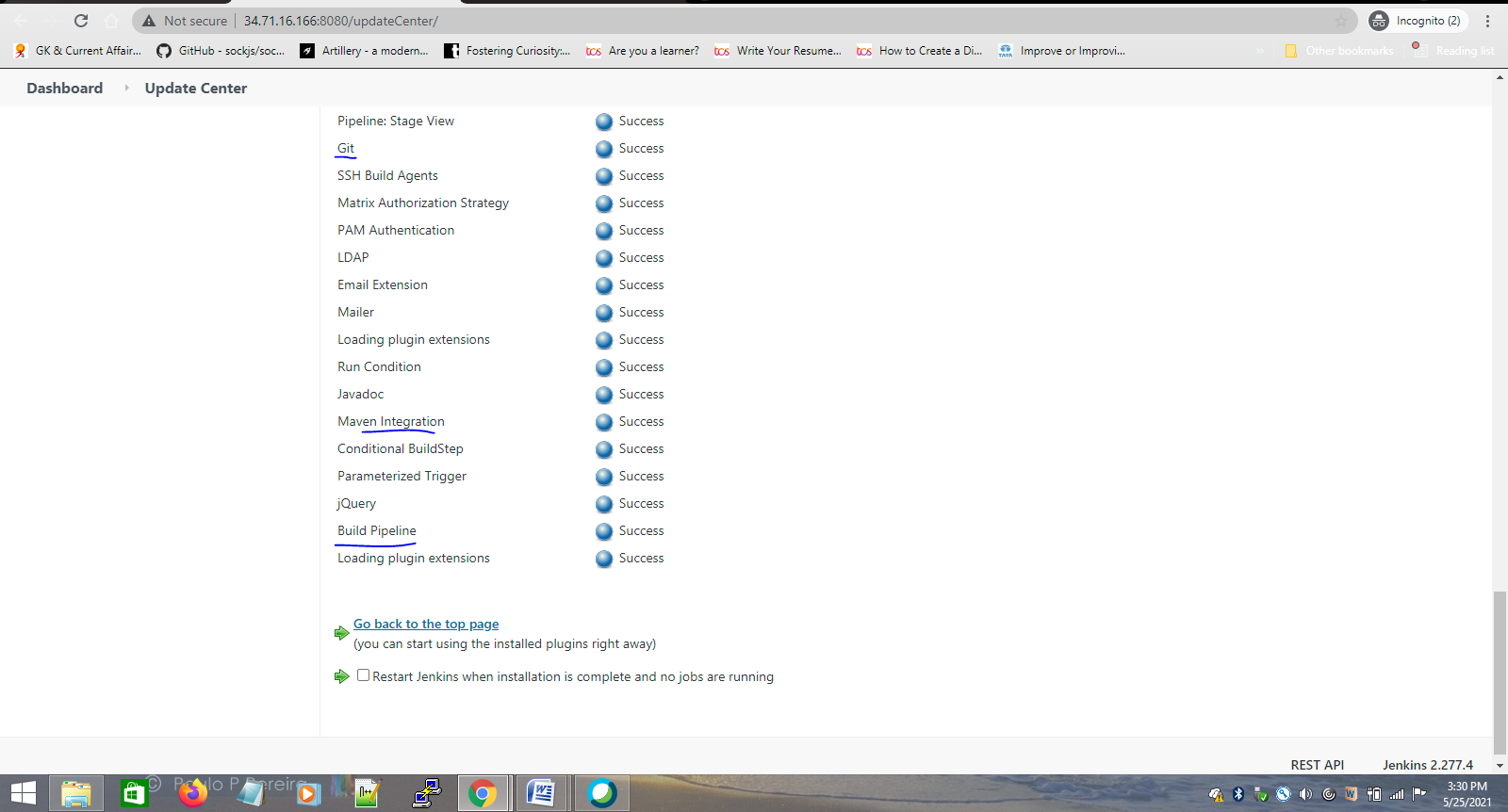


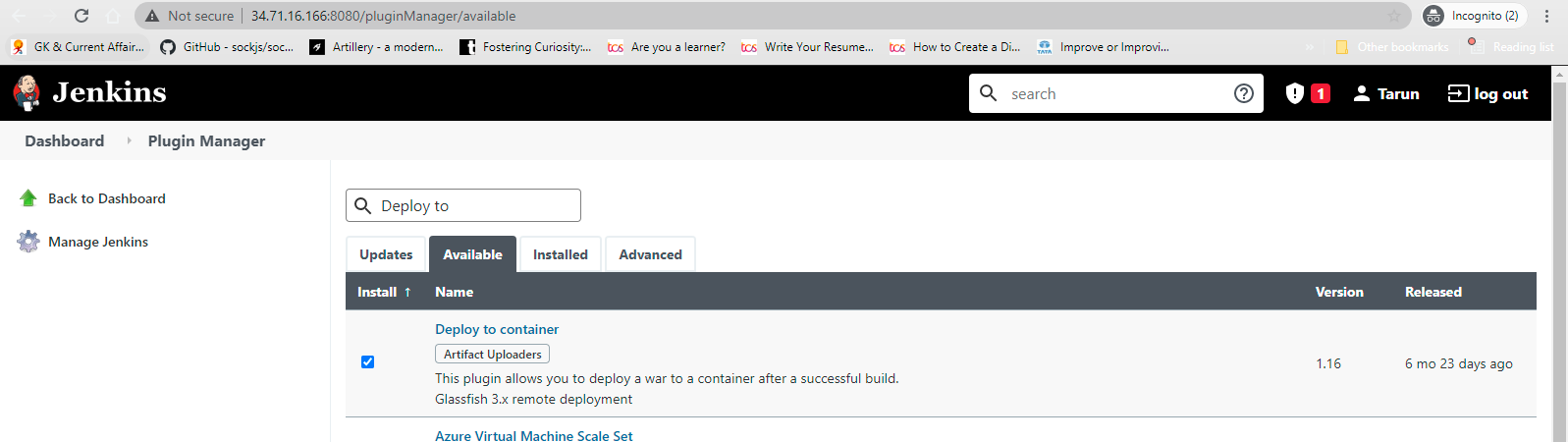


Jenkins URL : http://34.71.16.166:8080/

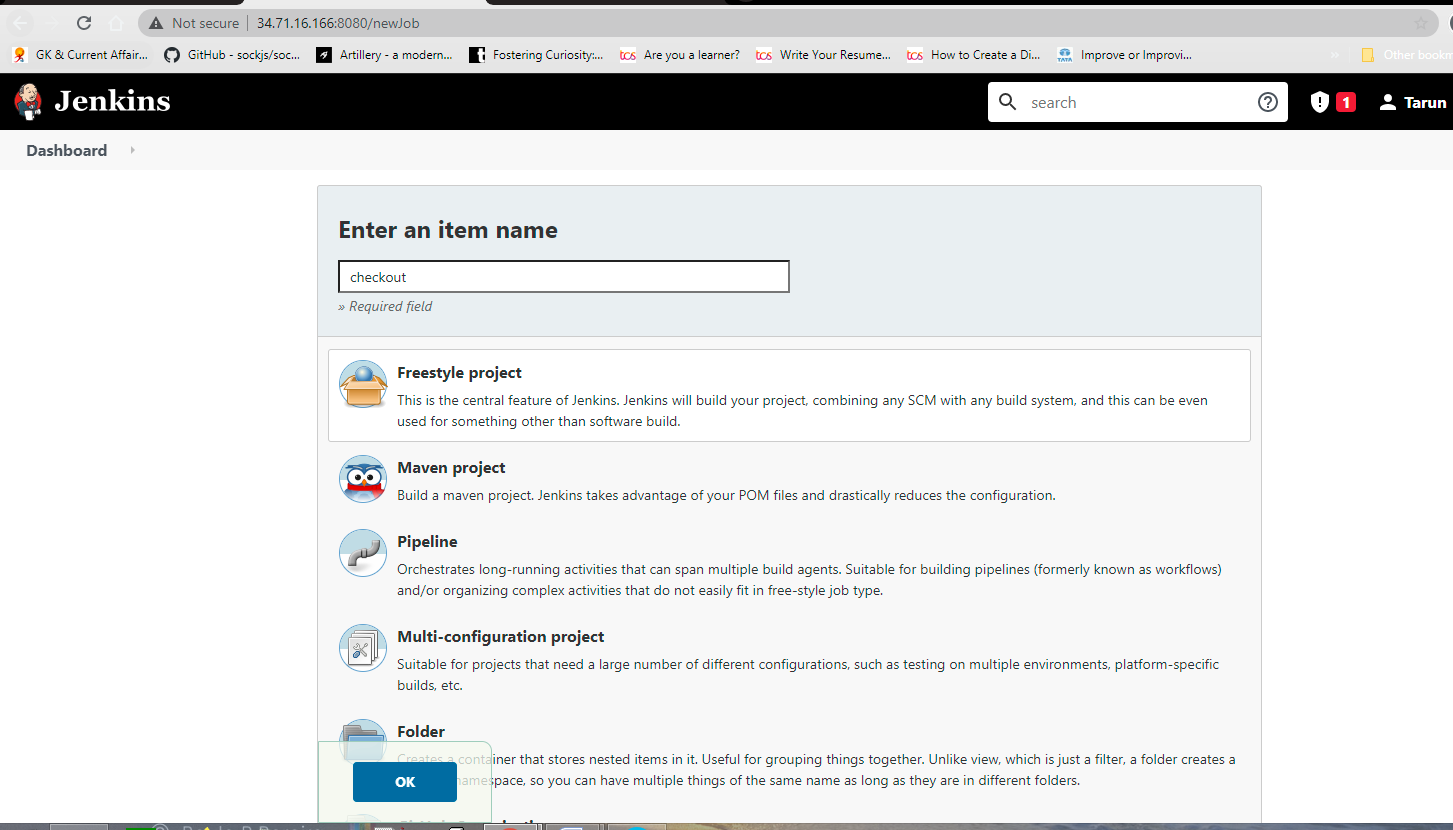
Install required plugins



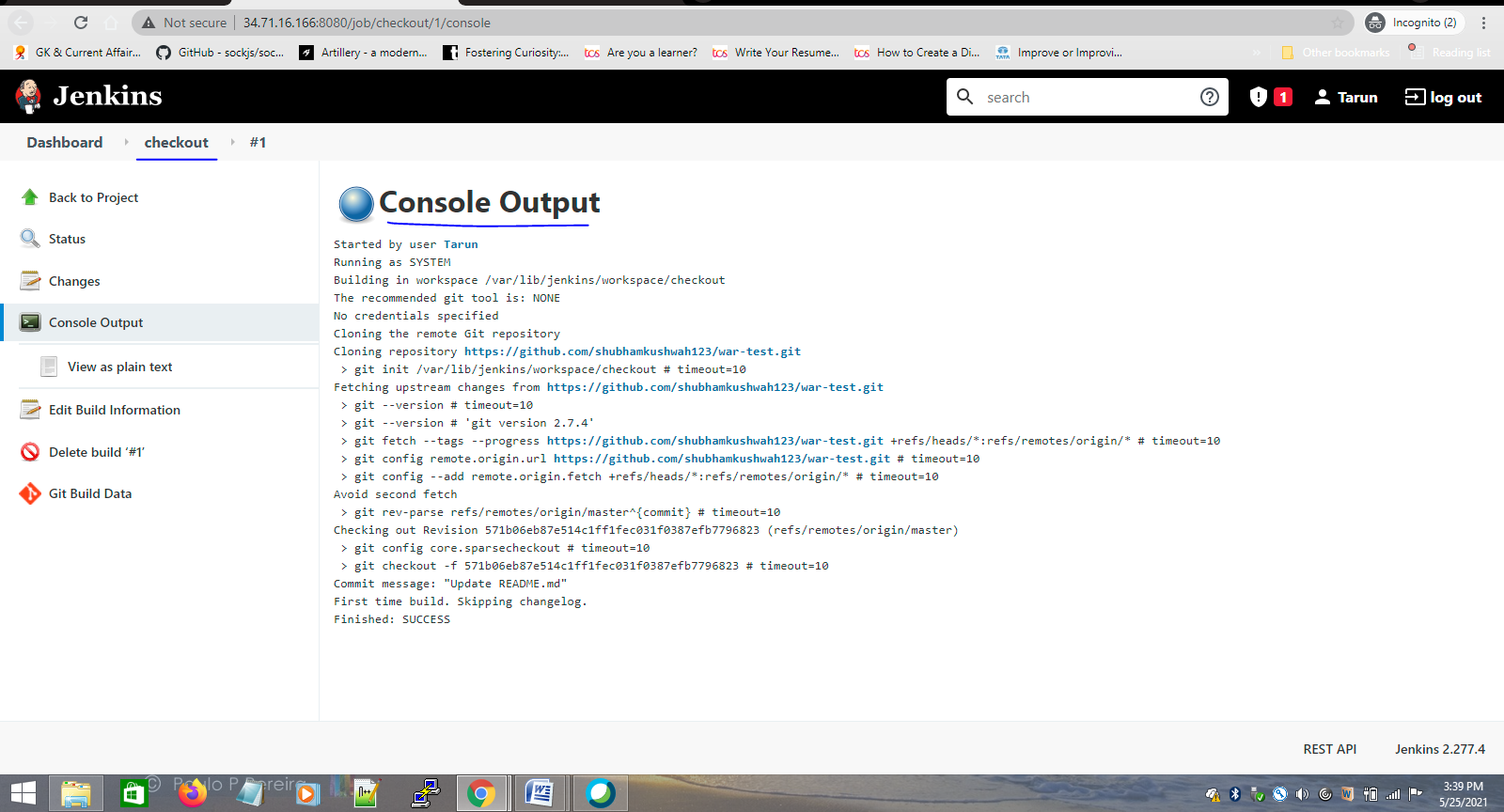




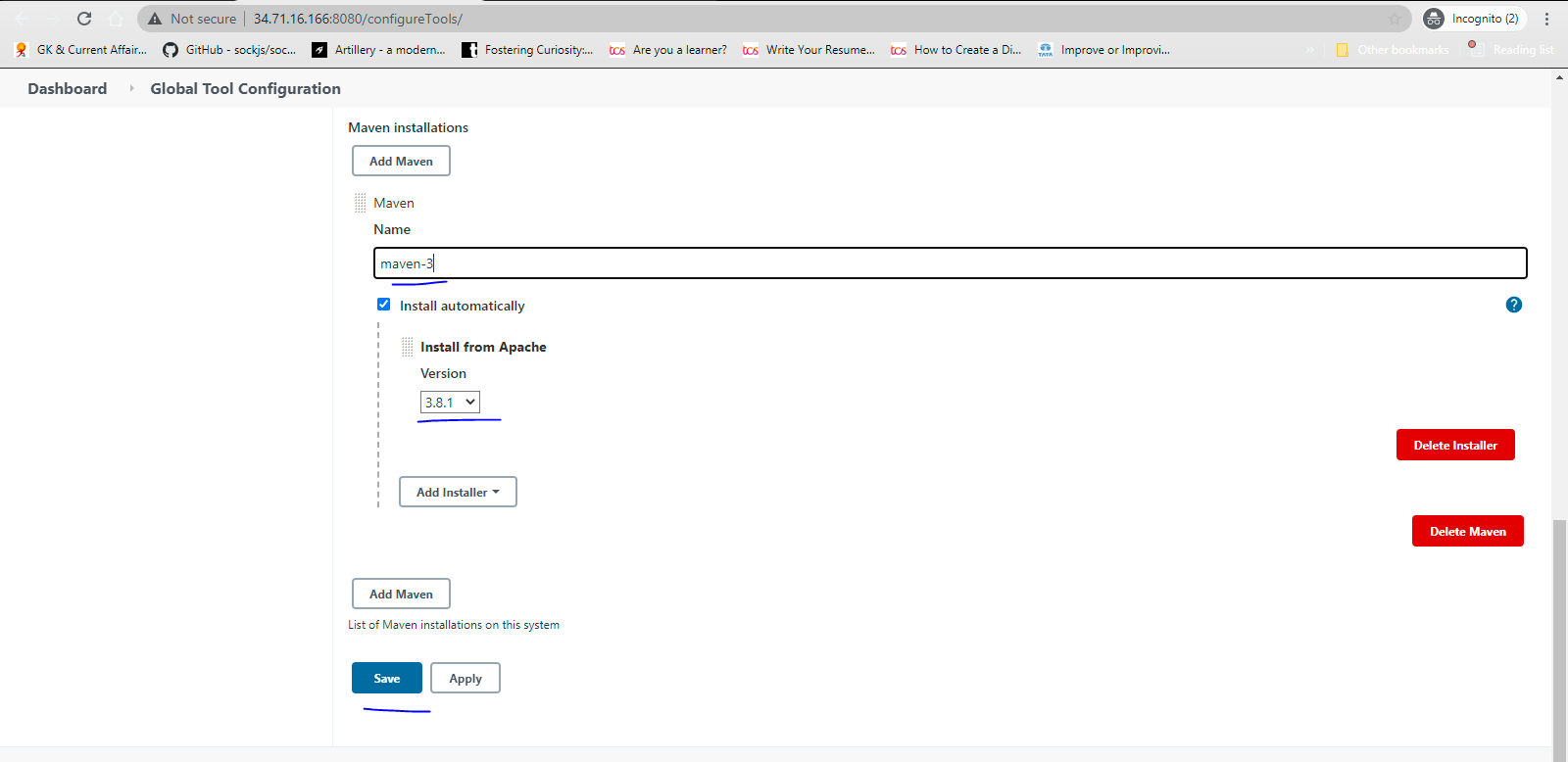
checkout job -freestyle project

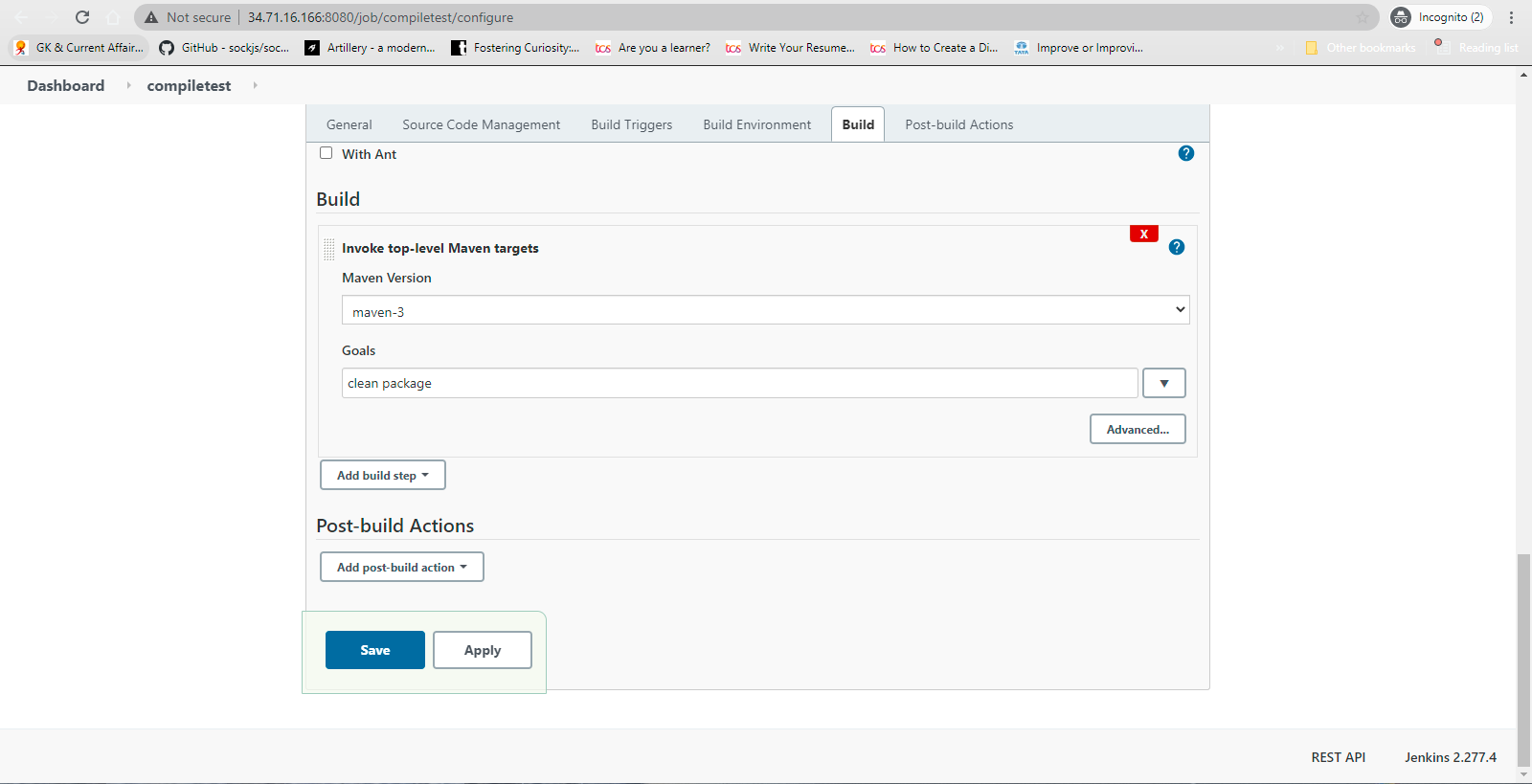




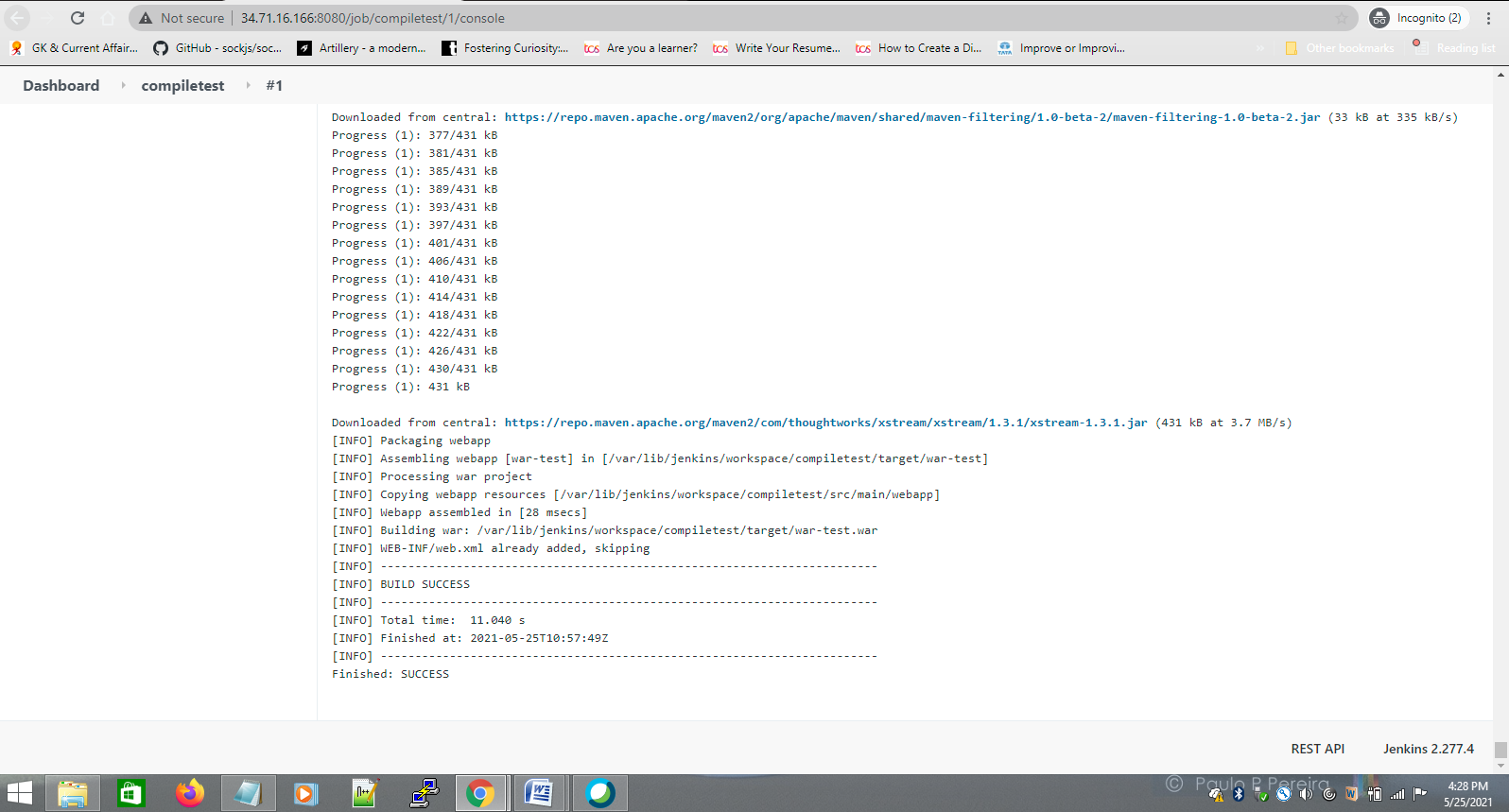


2 ) Create build job (for maven build test and package)



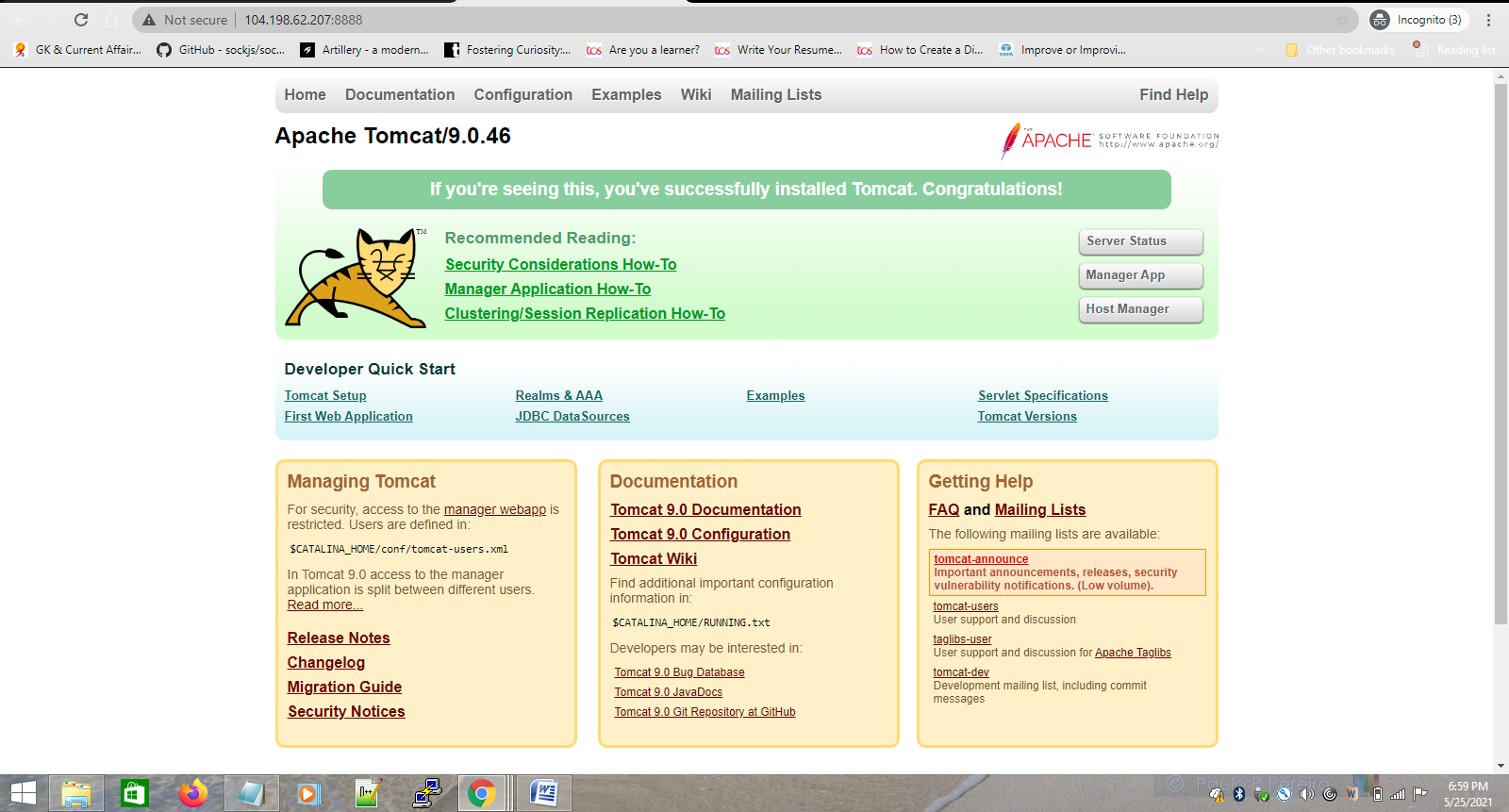


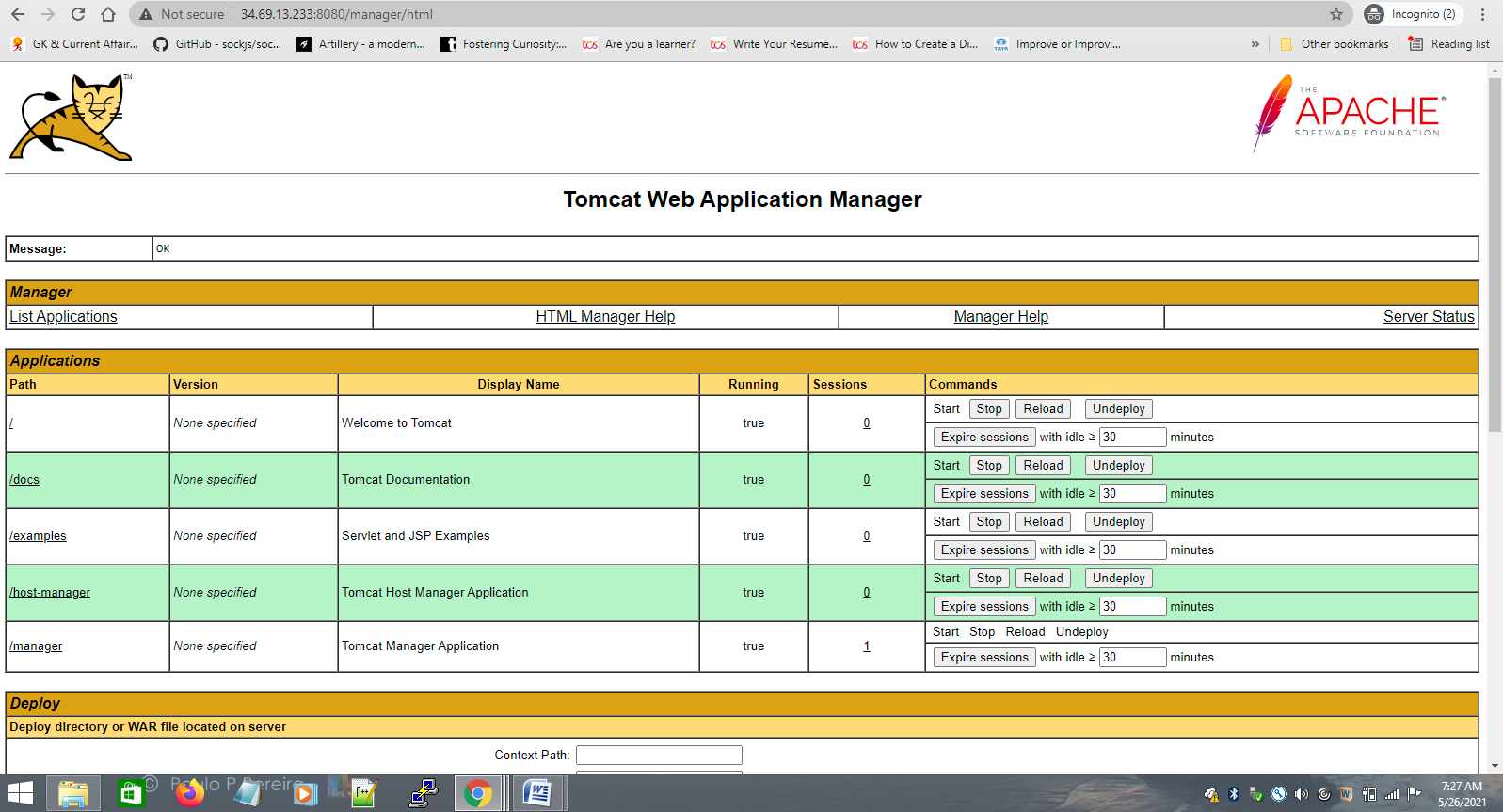
console screen print for second job compile test



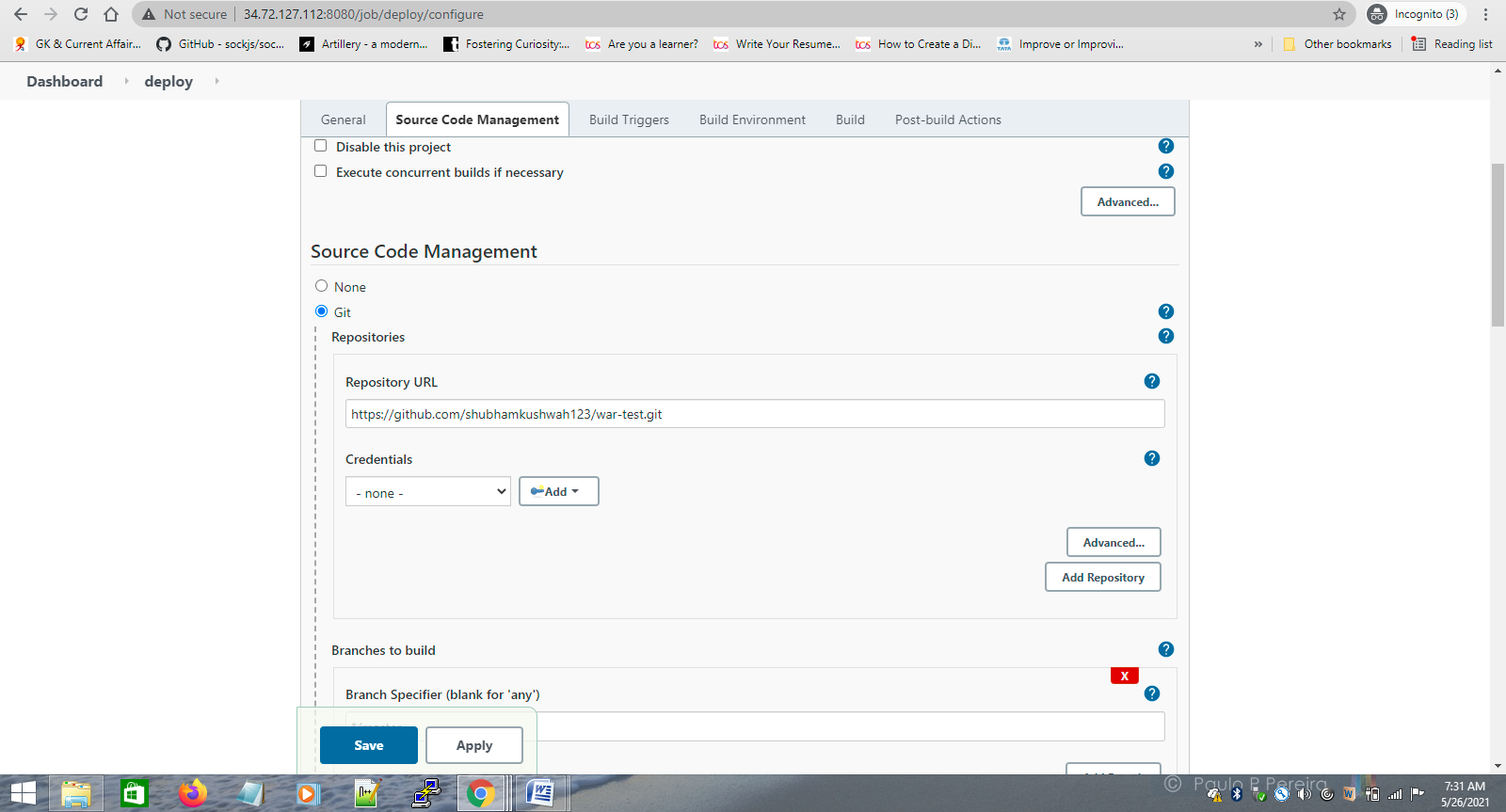
3) Create a deploy freestyle job(project) in jenkins for deploying the web application in a tomcat server.

Tried tomcat 9 installation - on other web server since it si not working on different port on the same server.

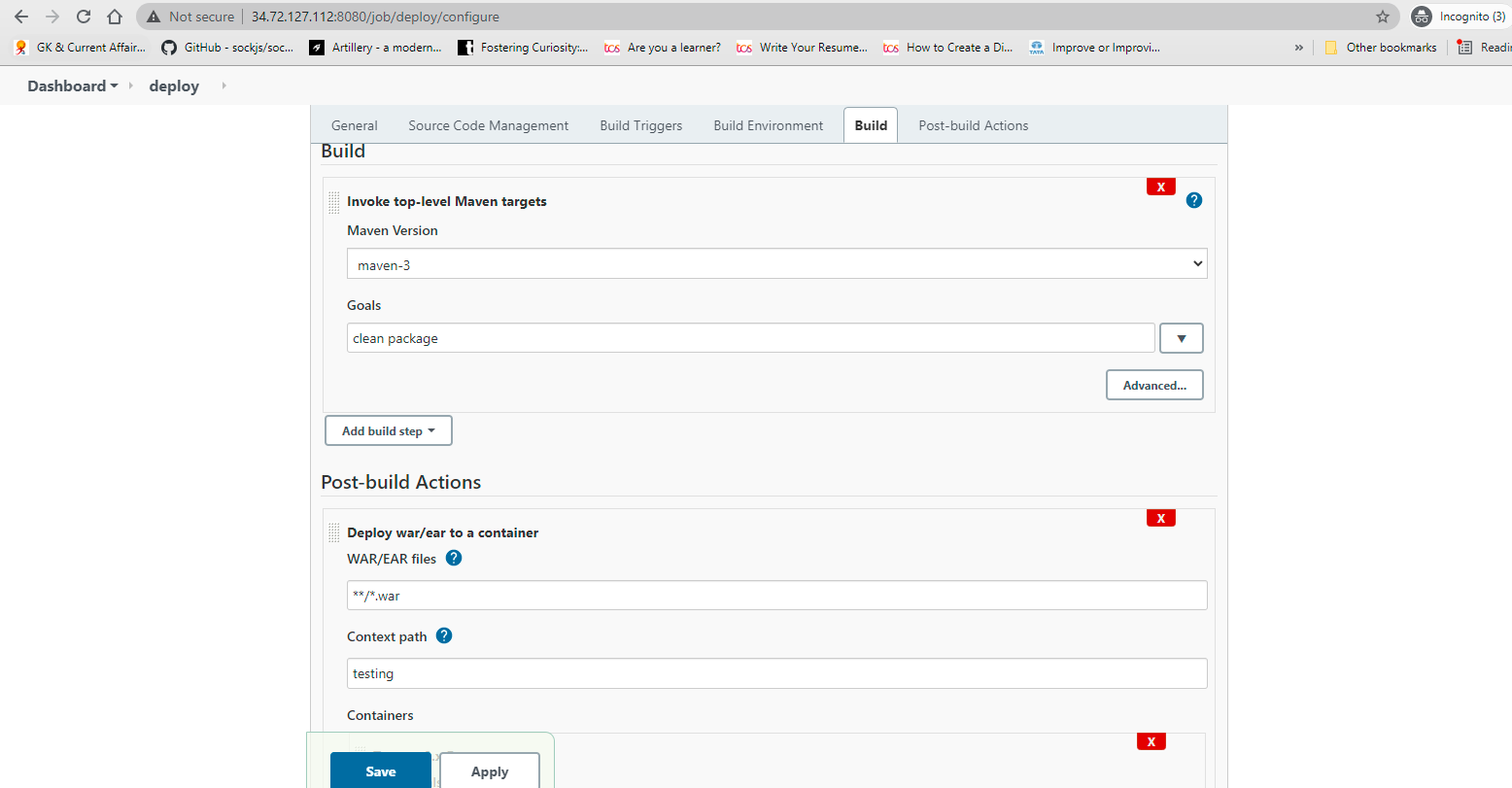


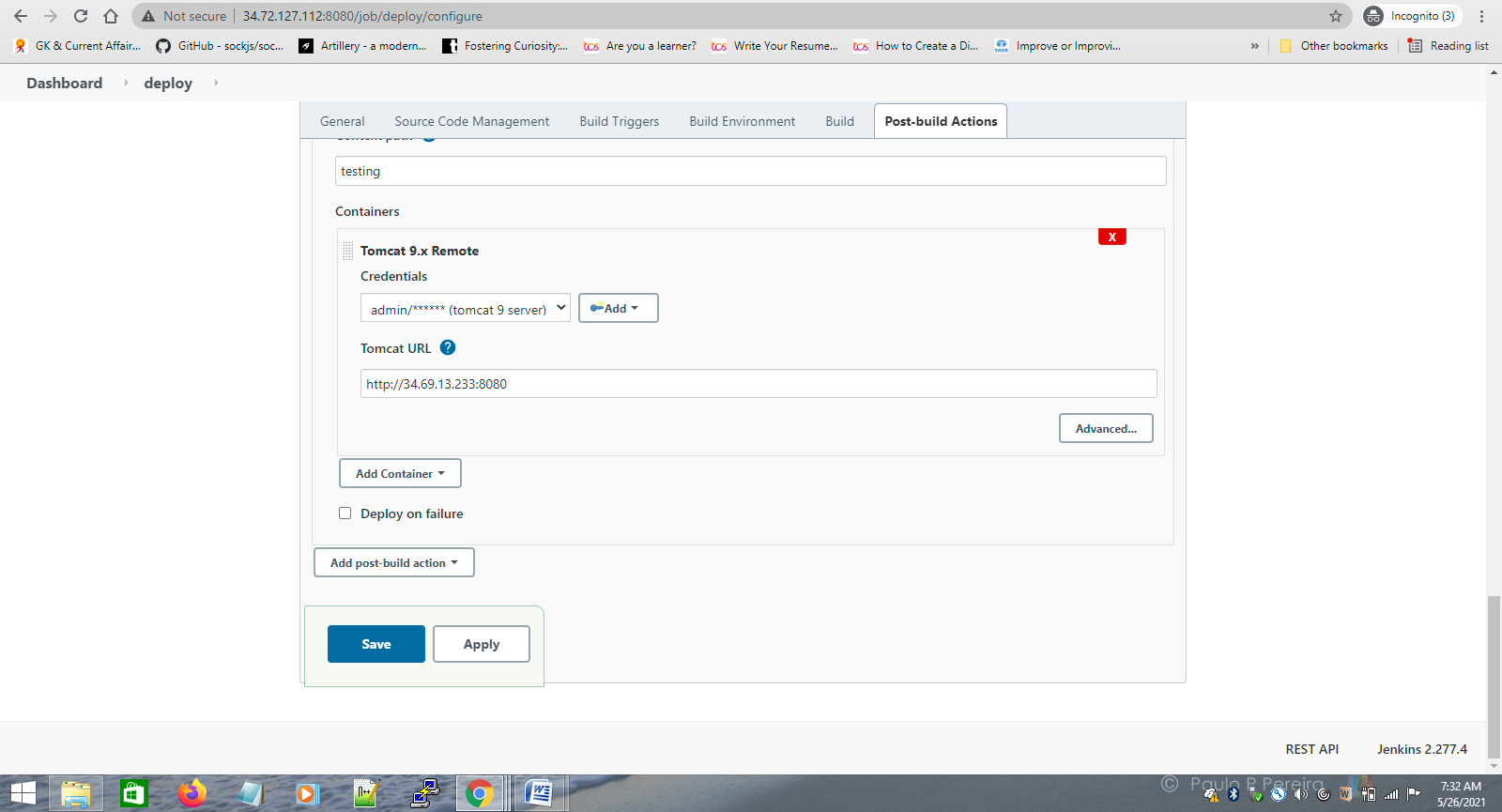


Deploy job

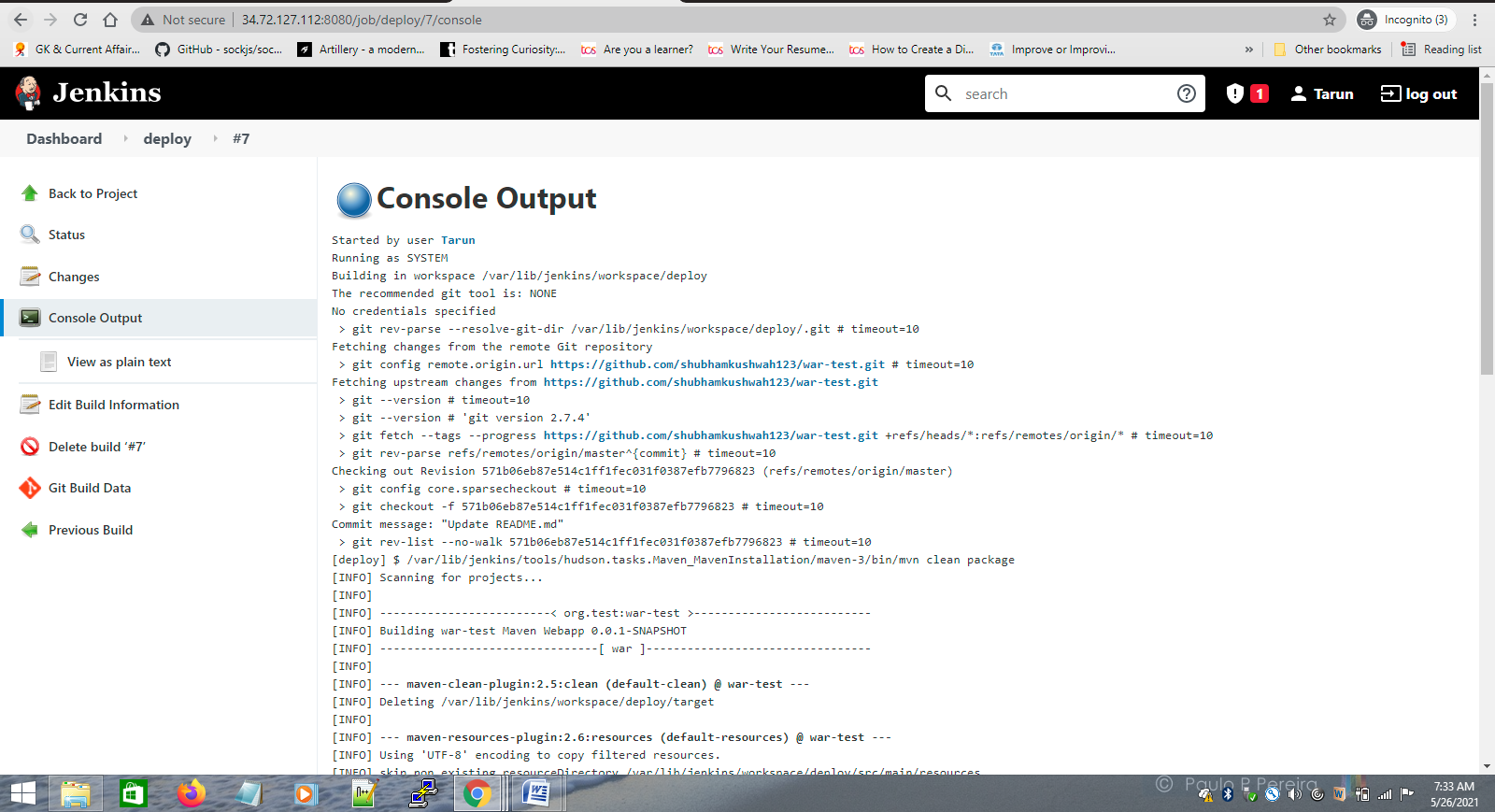






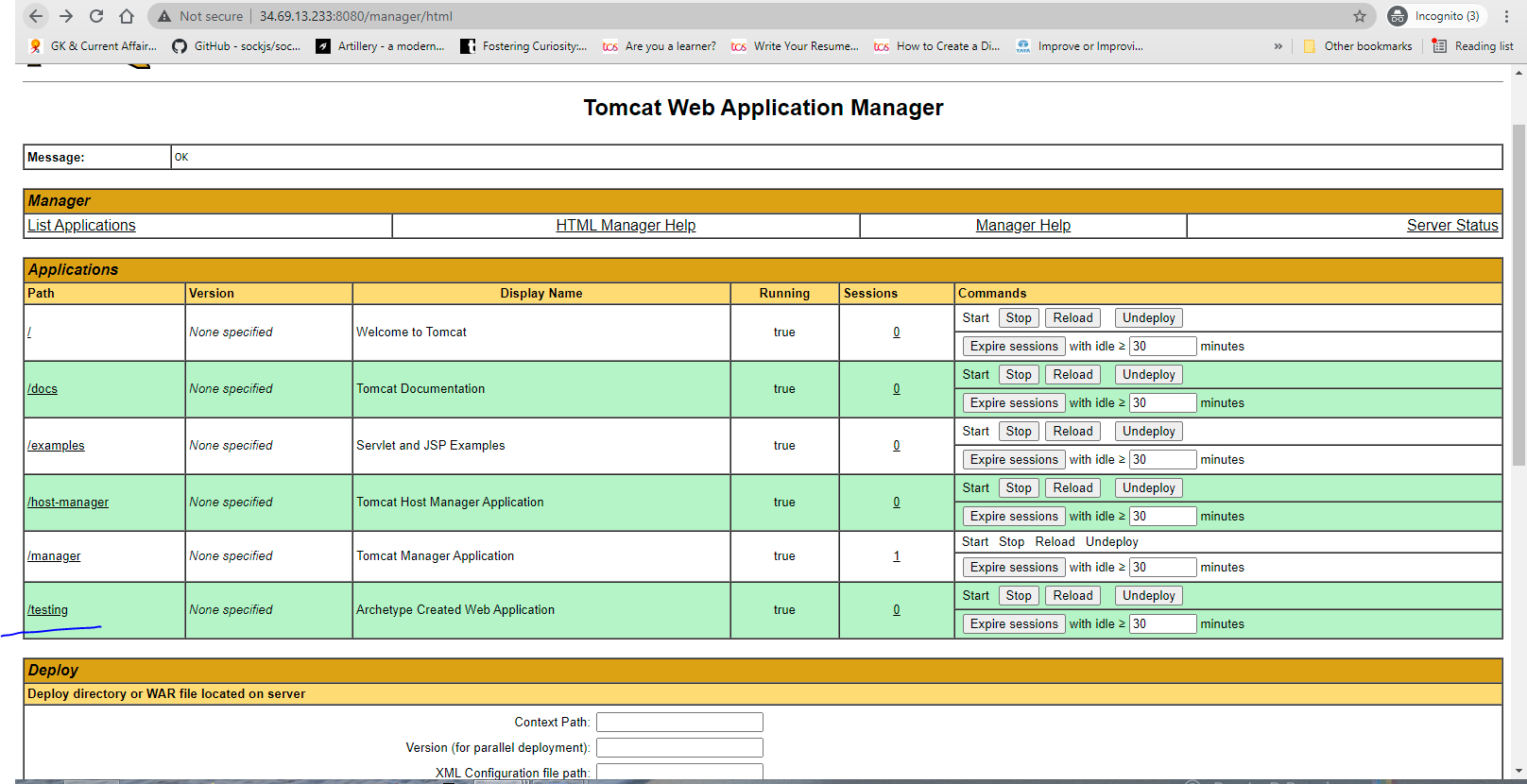


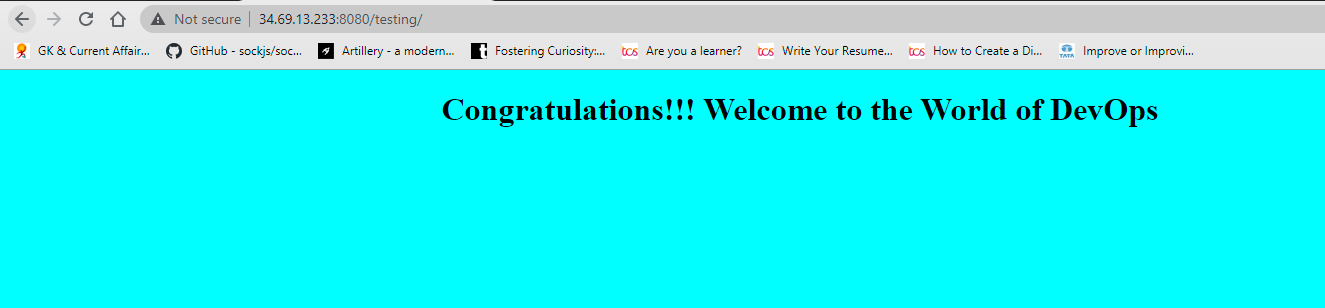
Console output screen shots





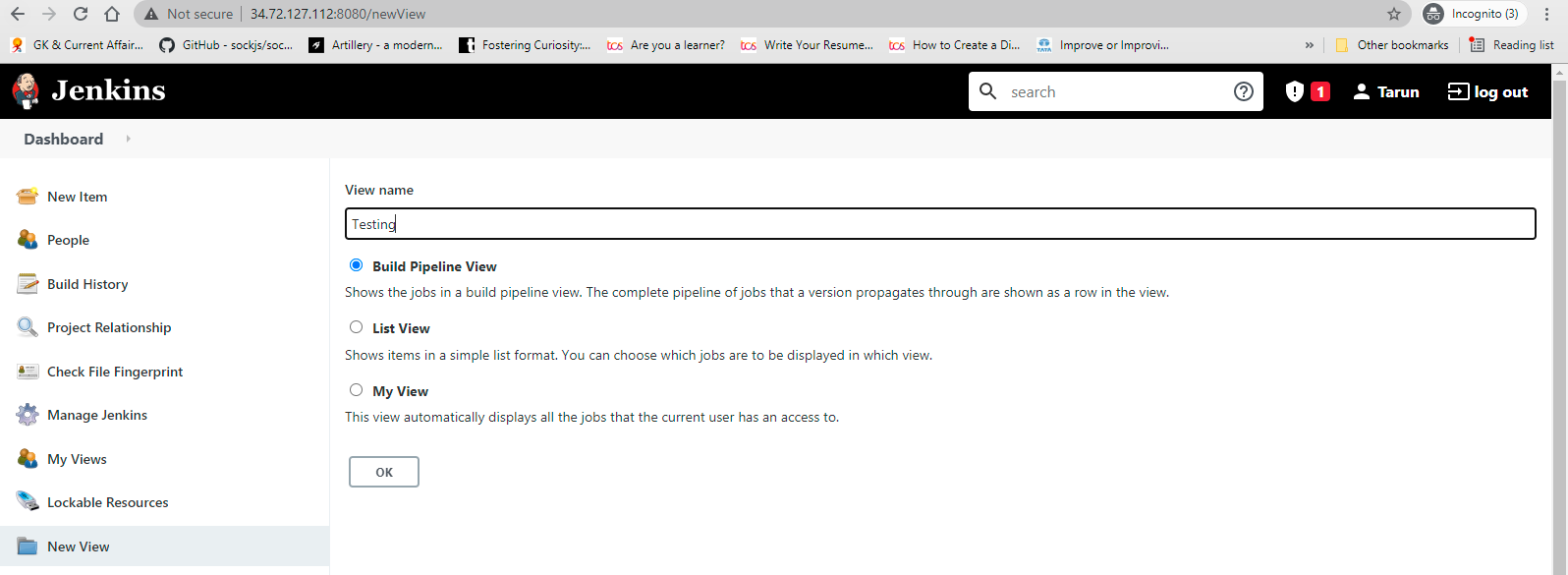
Validated in Tomcat 9 successfully

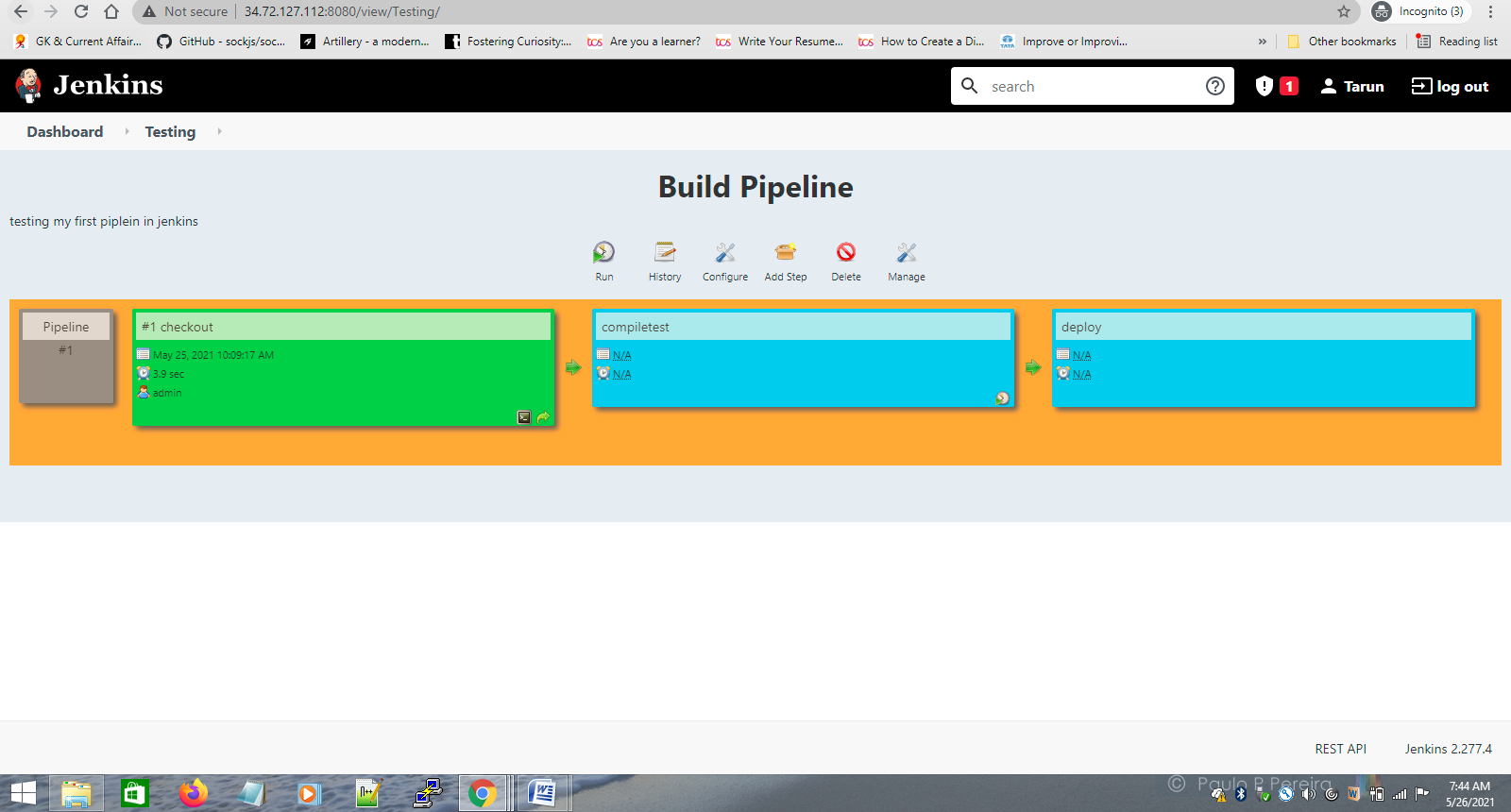




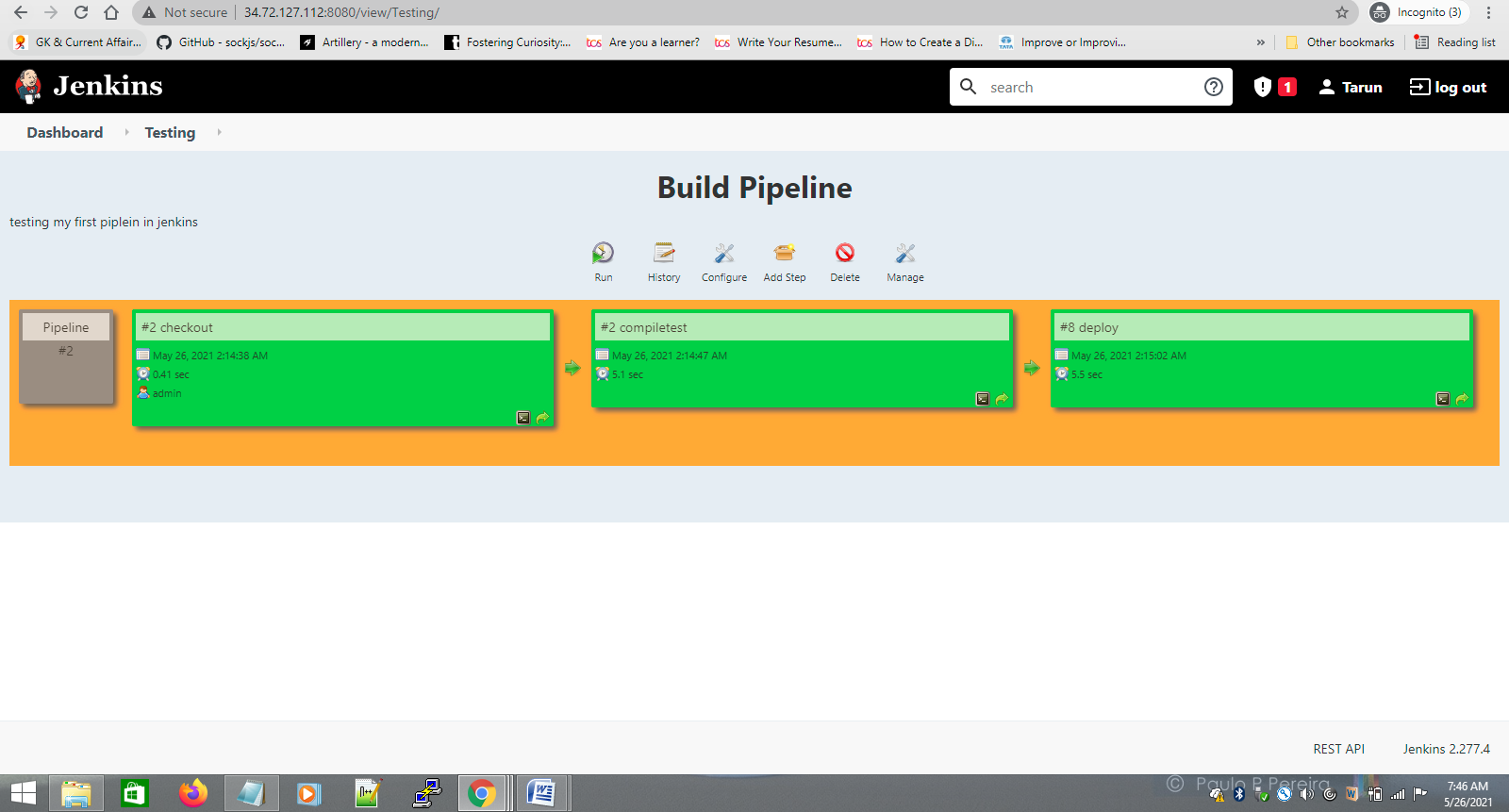
---------------------------------------------------

Establish a build pipeline view with appropriate plug in installation.





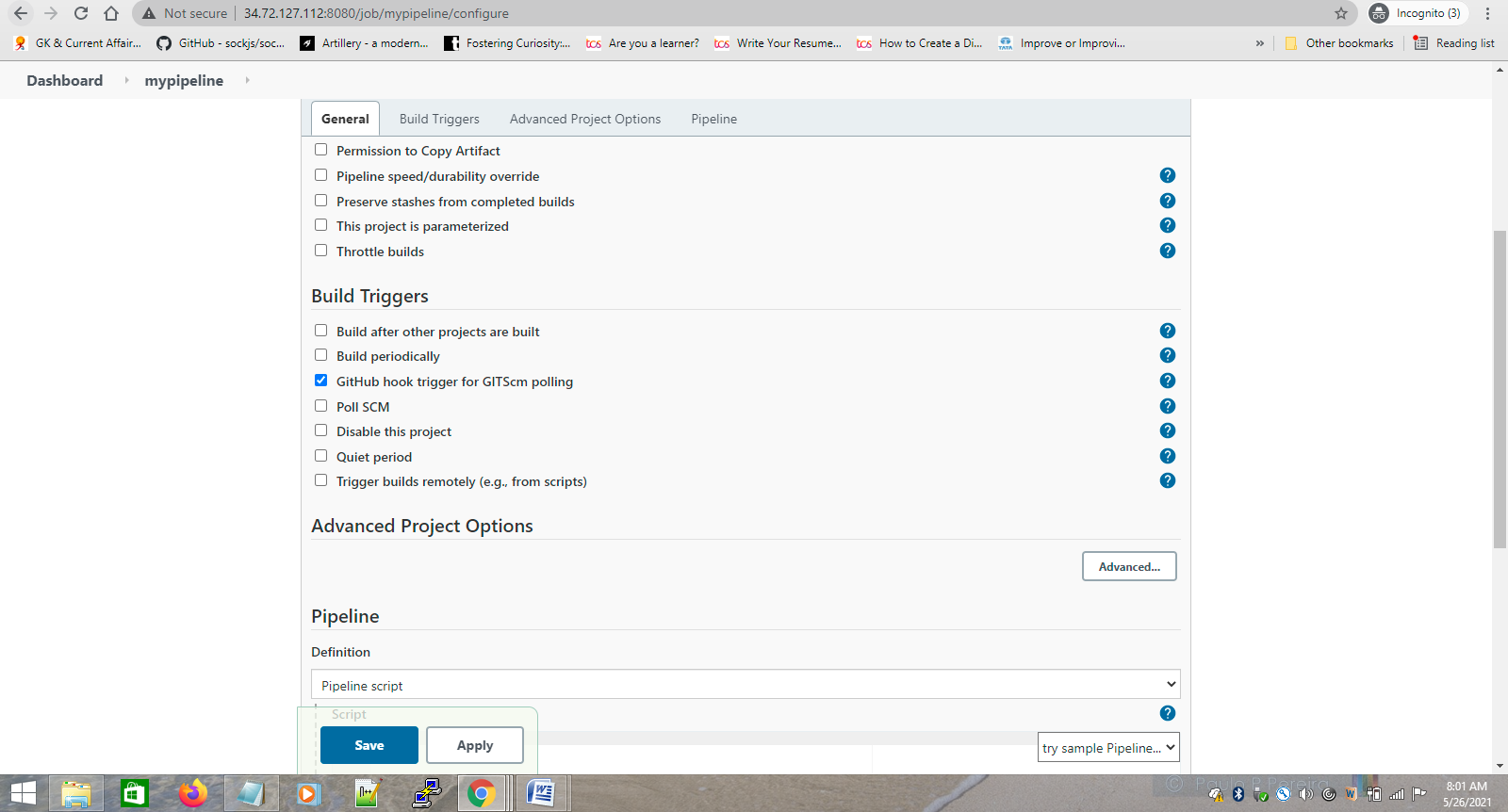
Running my first pipeline in jenkins



Ran successfully

Create a pipeline job and write the script to achieve the same tasks.

Groovy Script used



Pipeline must be triggered with a Github webhook upon every commit.



