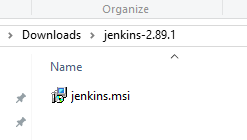
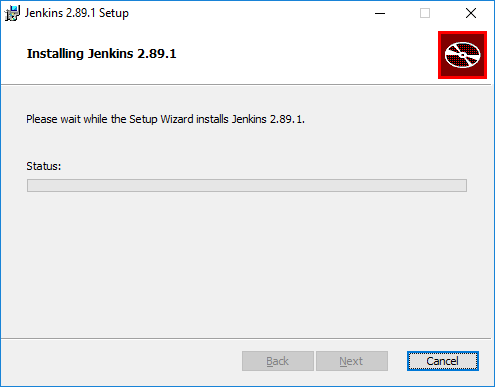
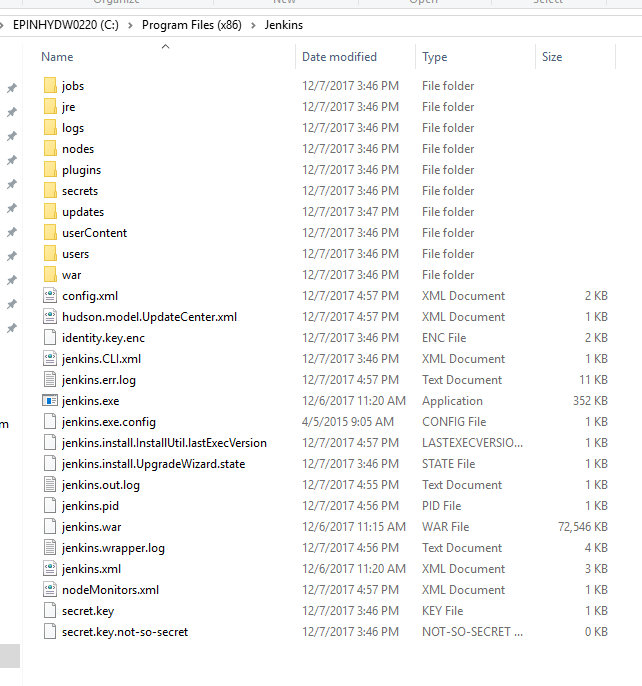
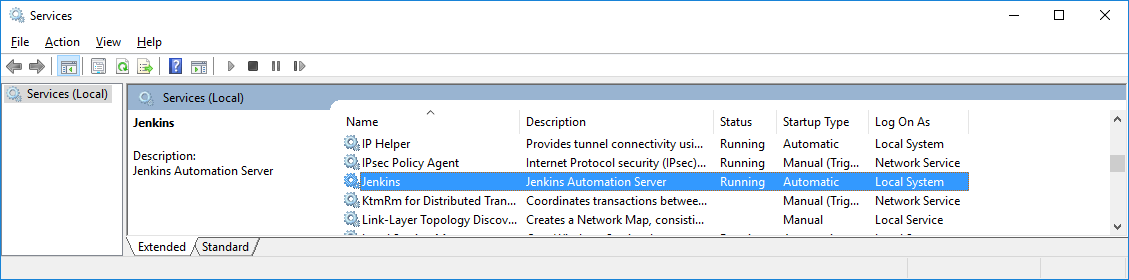
1) Install Jenkins server on local or remote machine

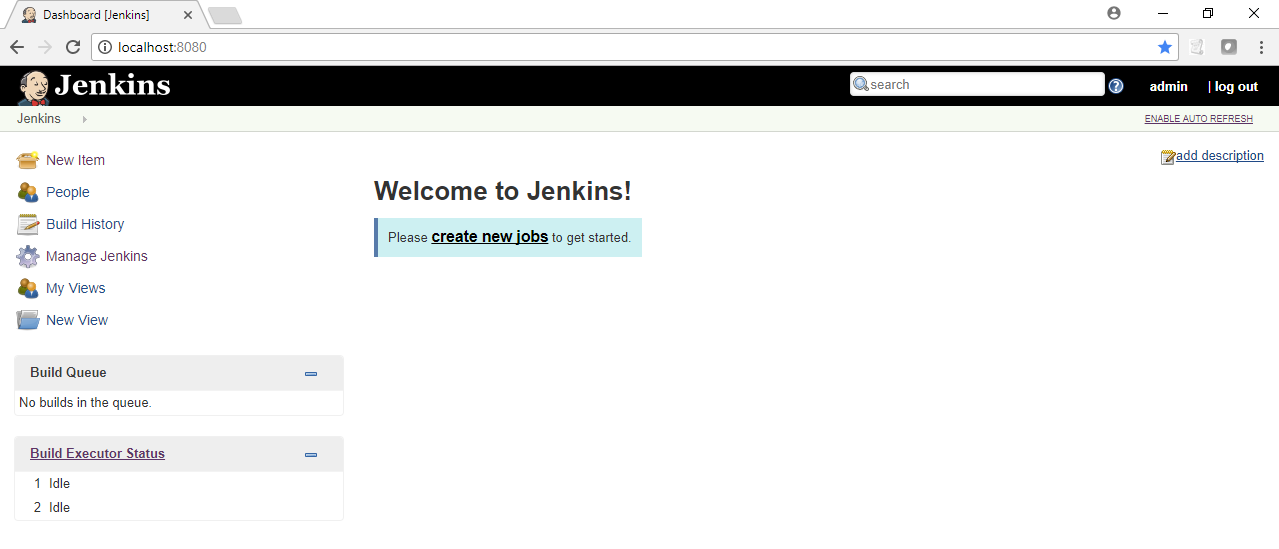
Local machine:



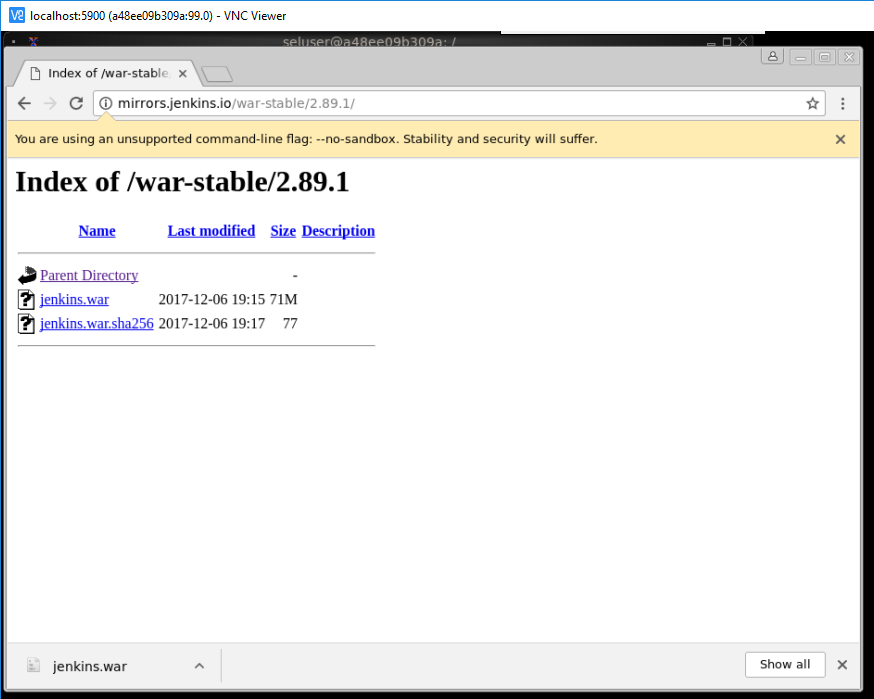








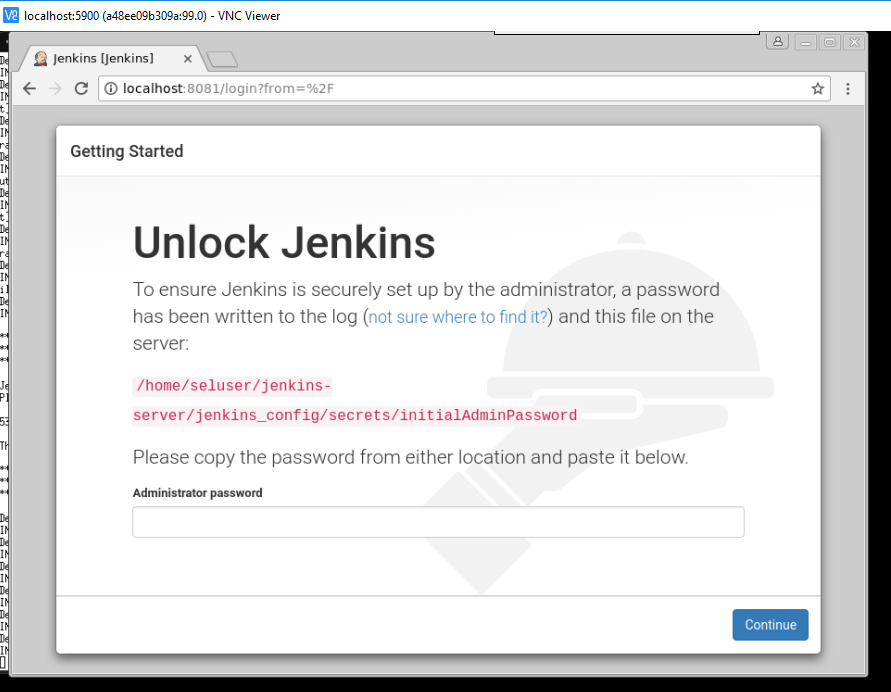
**On linux virtual machine:**

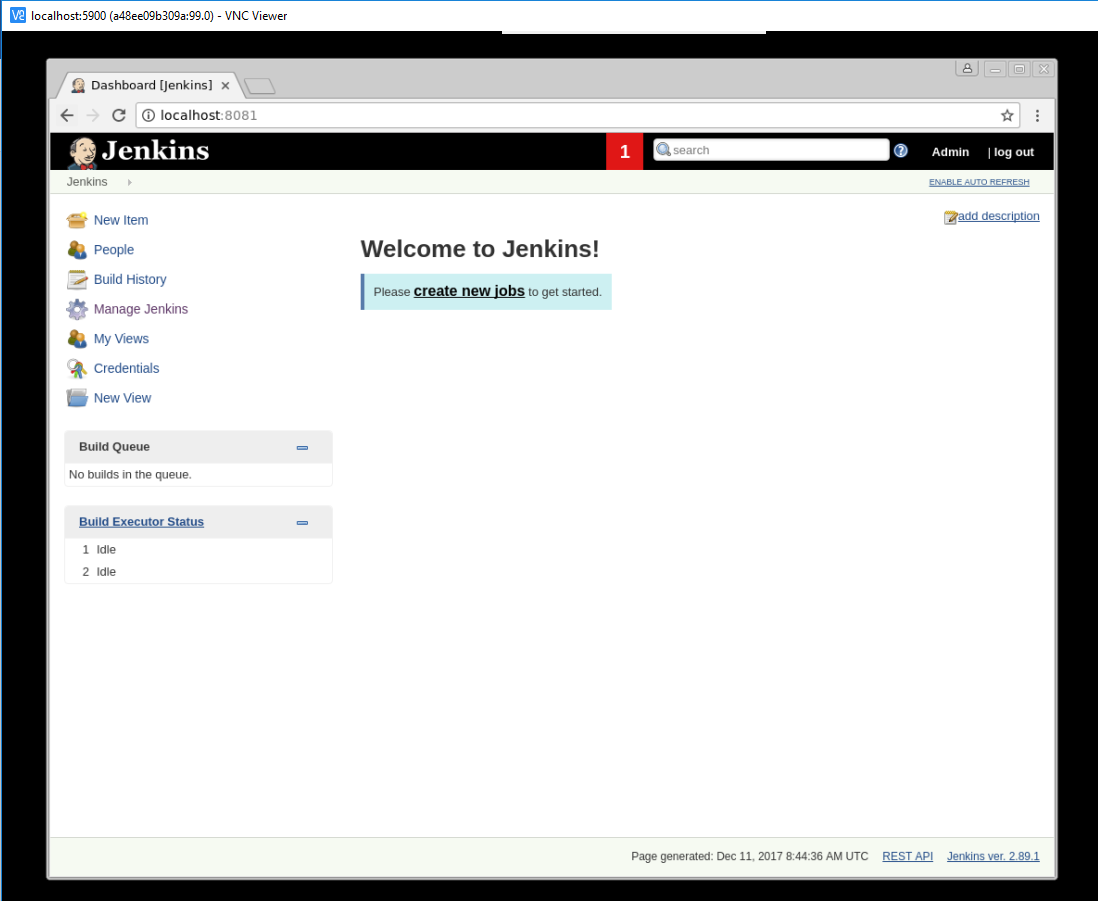


**java -DJENKINS\_HOME=jenkins\_config -jar jenkins.war --httpPort=8081**

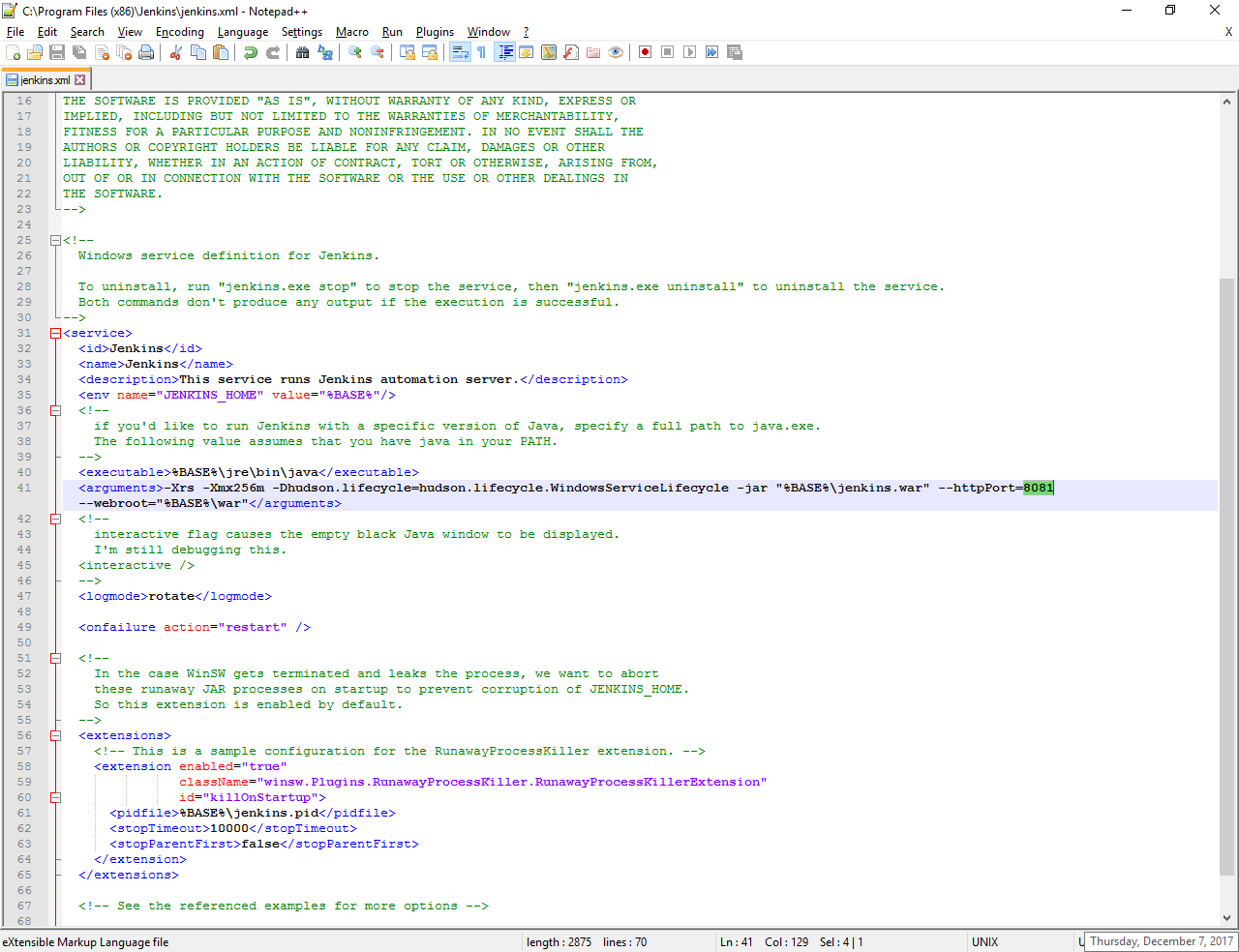


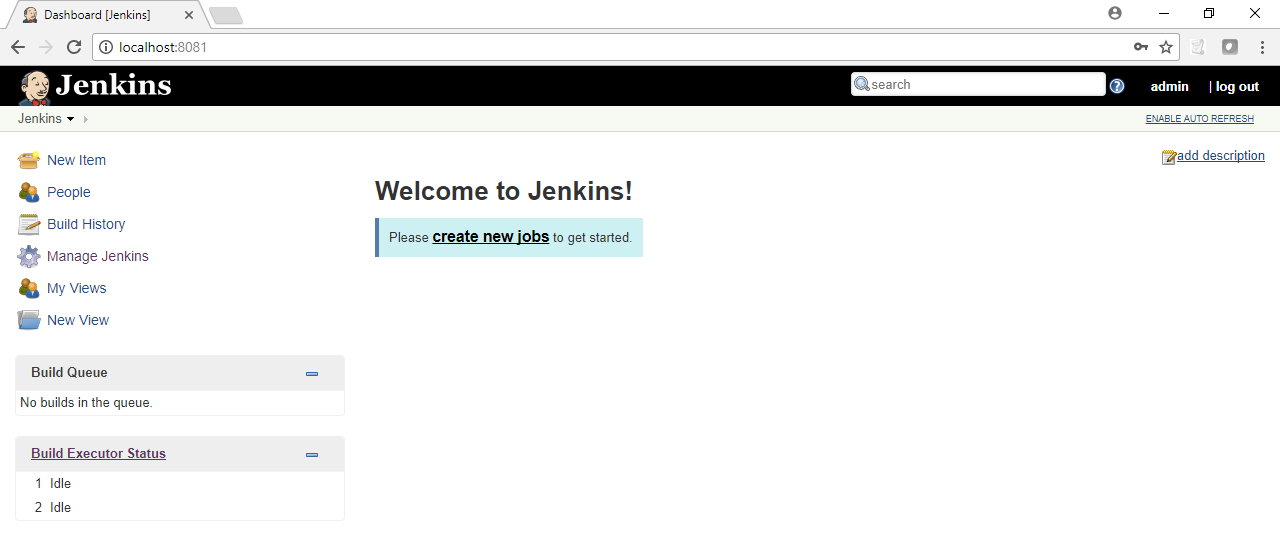






2) Change Jenkins default port to 8081

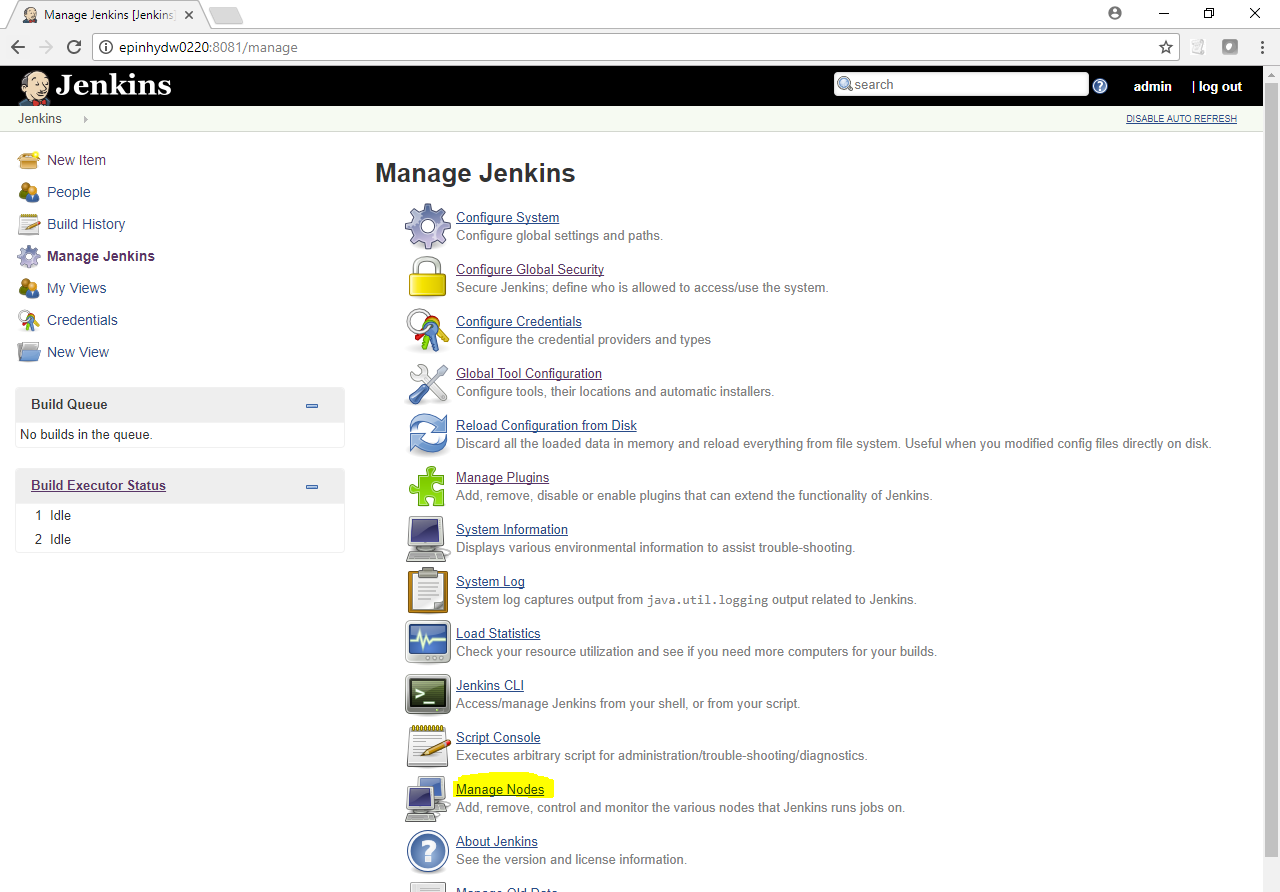


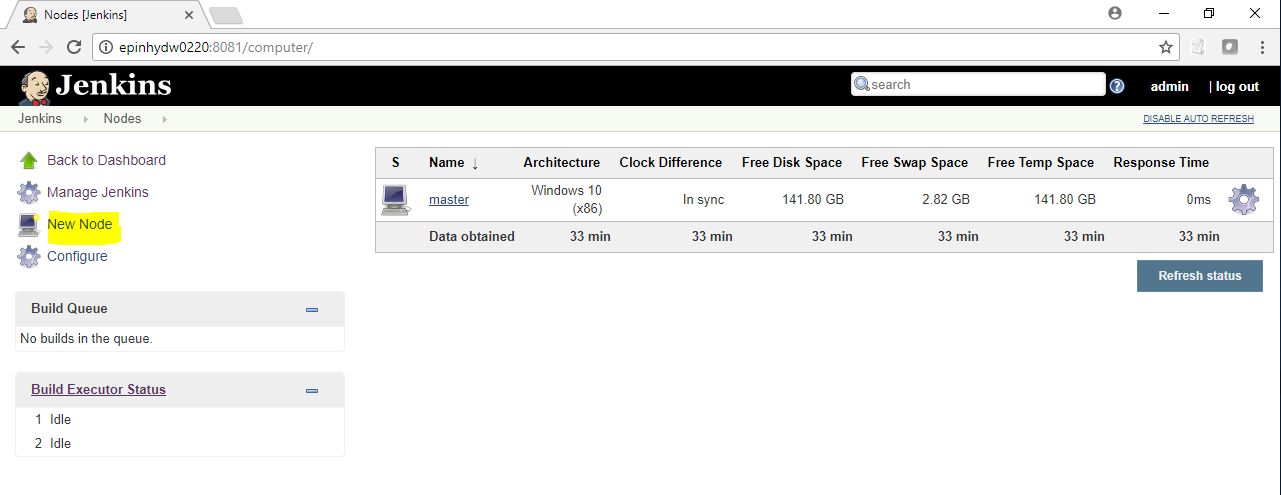


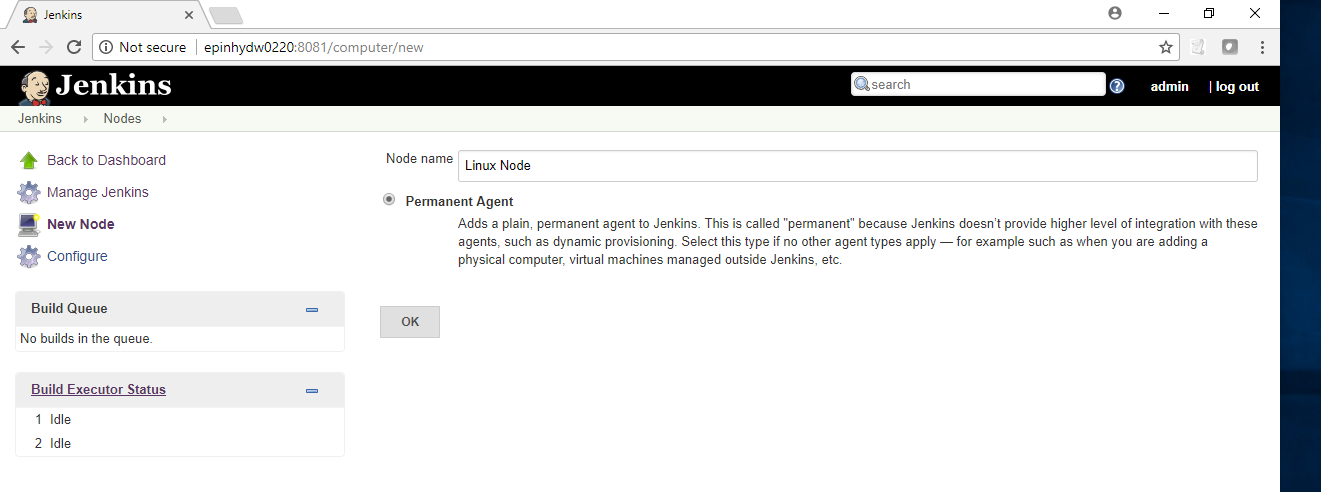
* If Jenkins is installed using war archive, the following command can be used to start Jenkins on a mentioned port:
  + **java -DJENKINS\_HOME=jenkins\_config -jar jenkins.war --httpPort=8081**

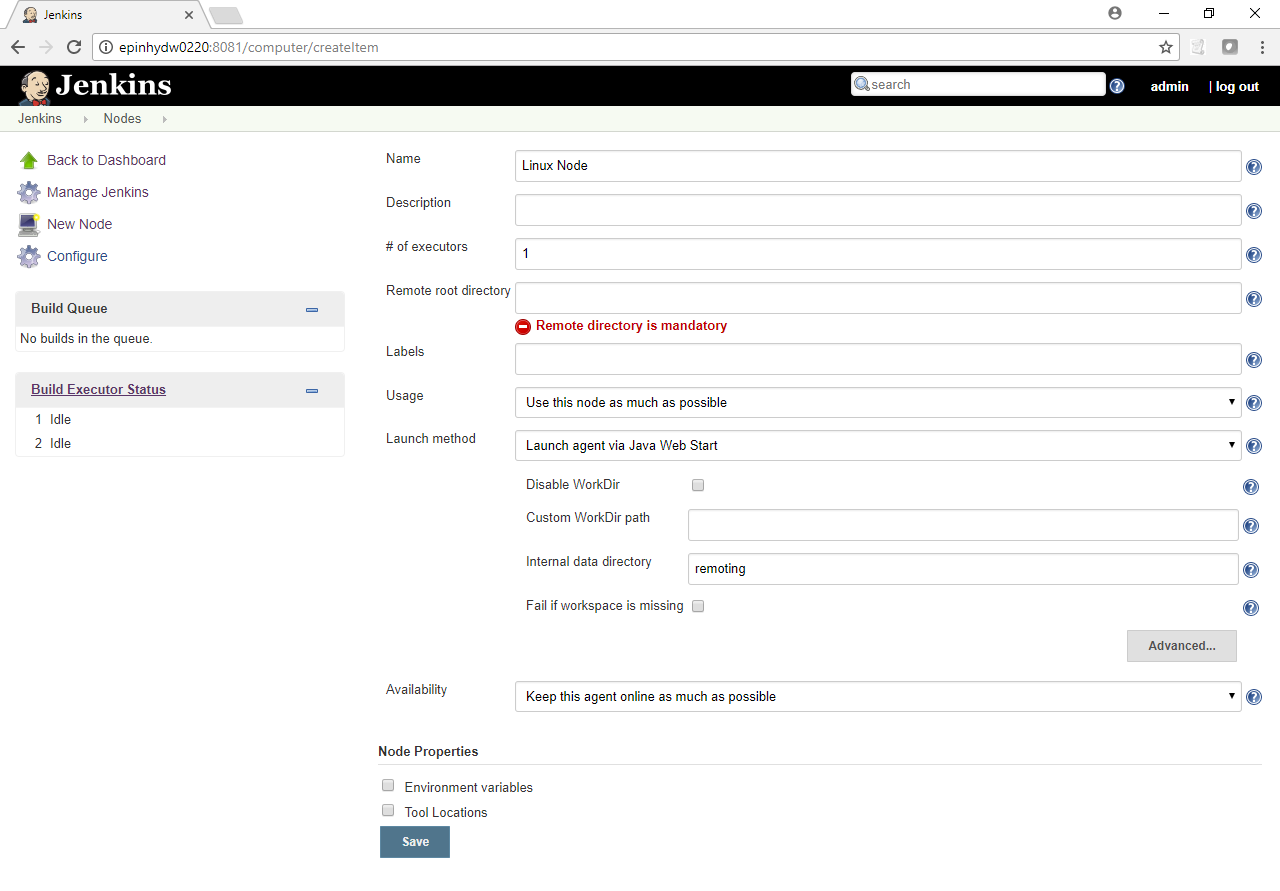
3) Create slave node on remote or local machine (you may use the same (one) machine for master and slave)

Creating slave node on a linux virtual machine…

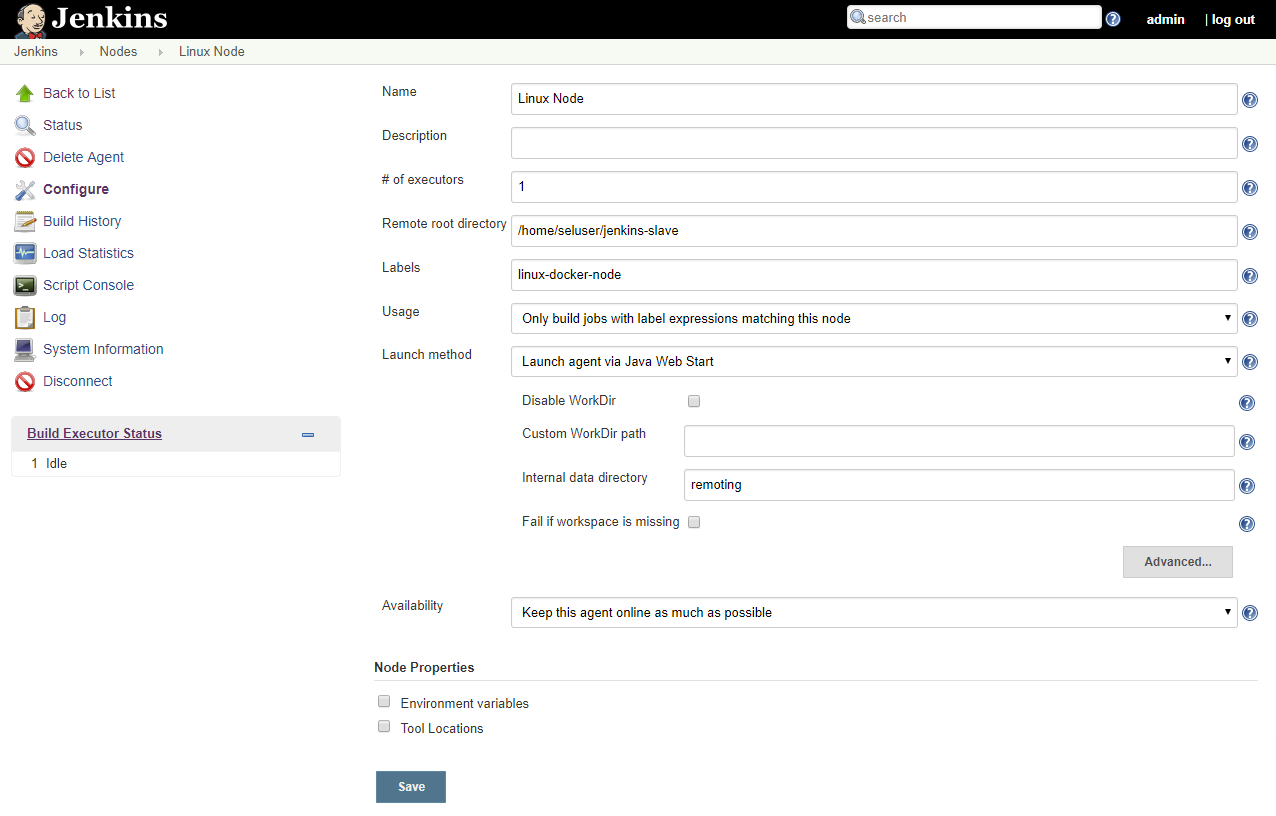


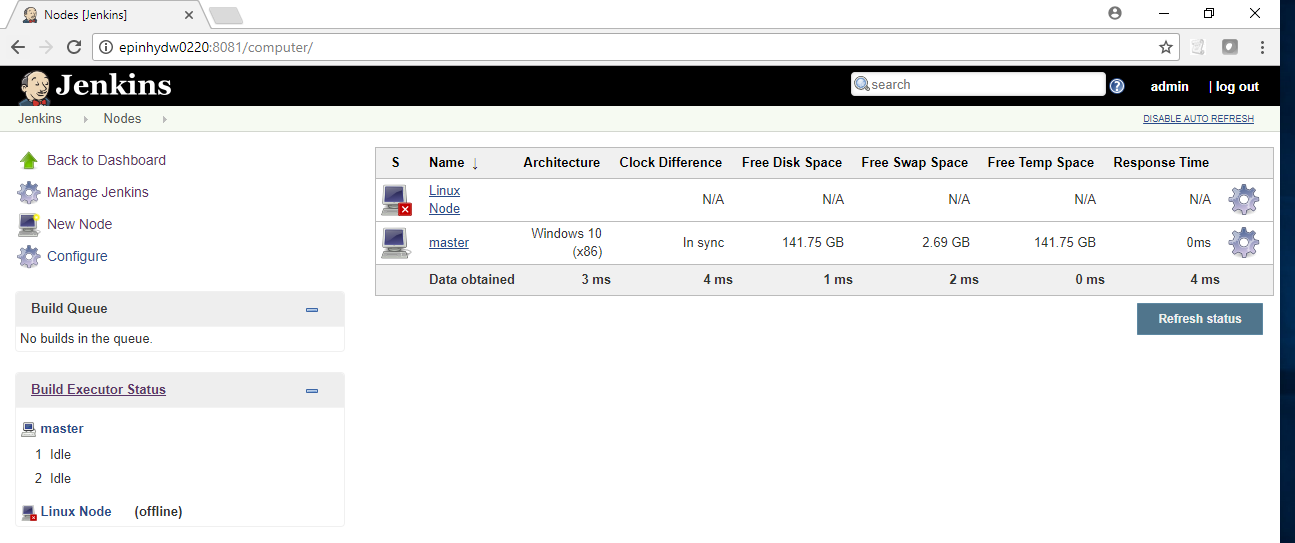


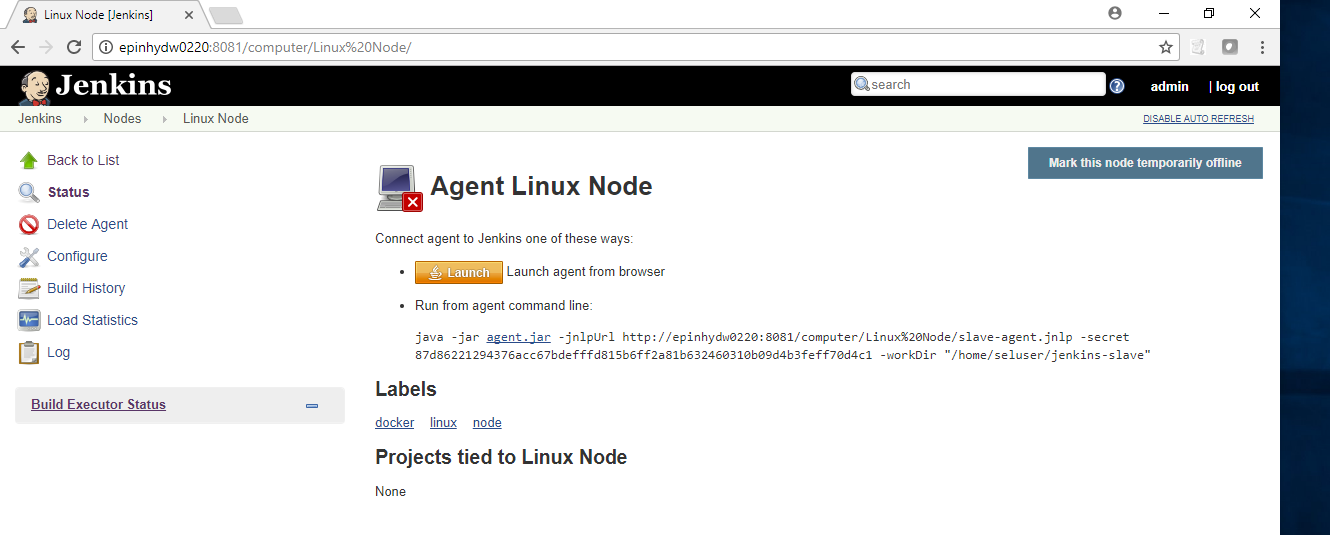


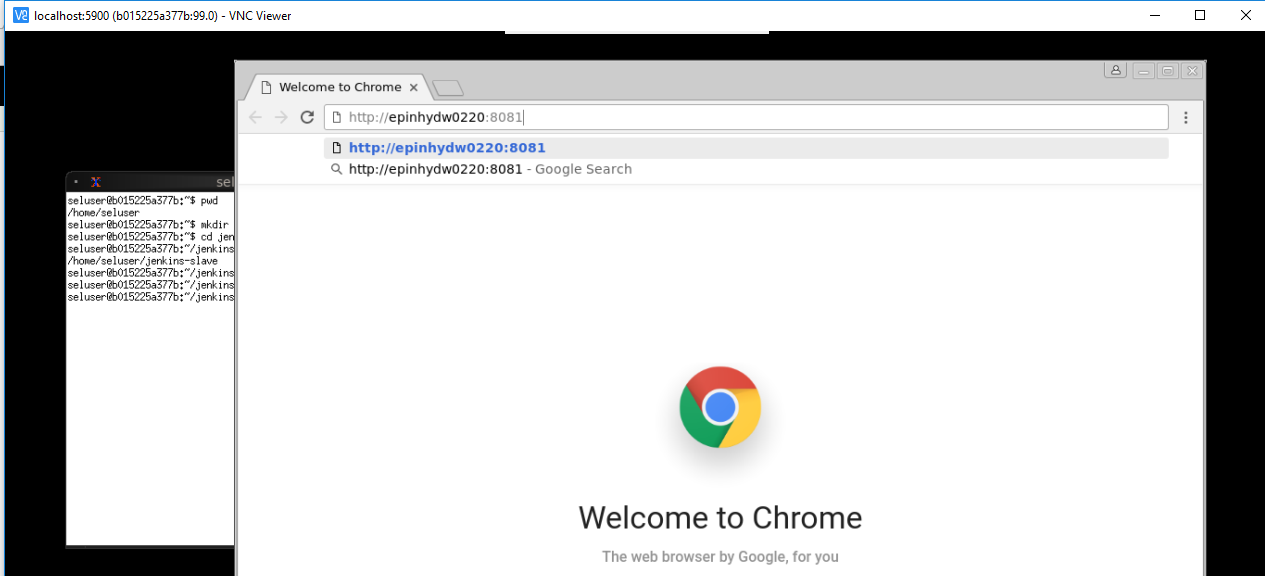


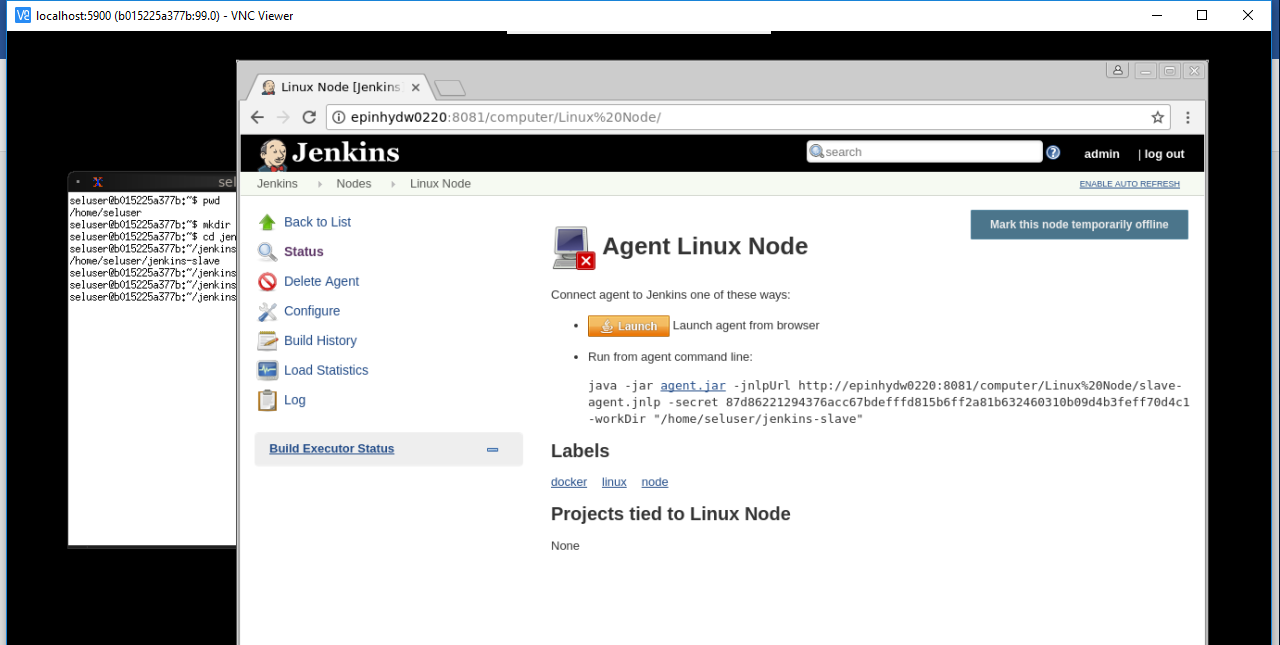
VNC to the linux vm…

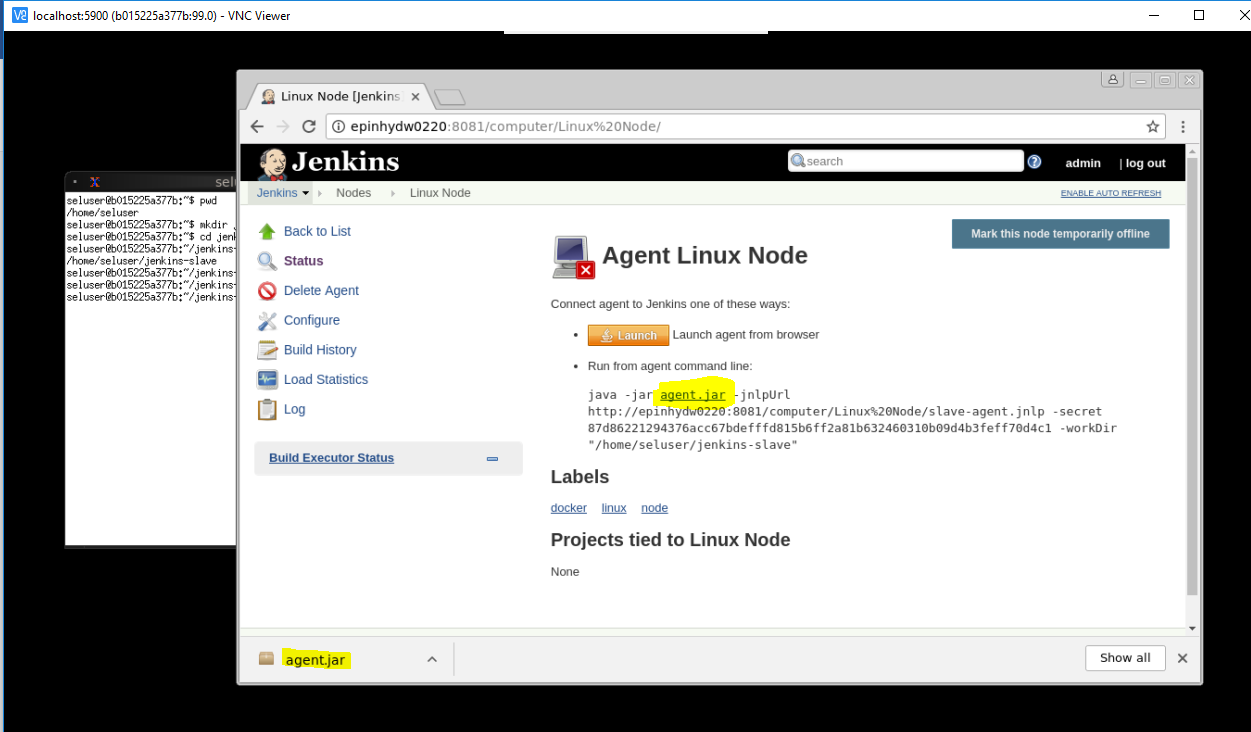


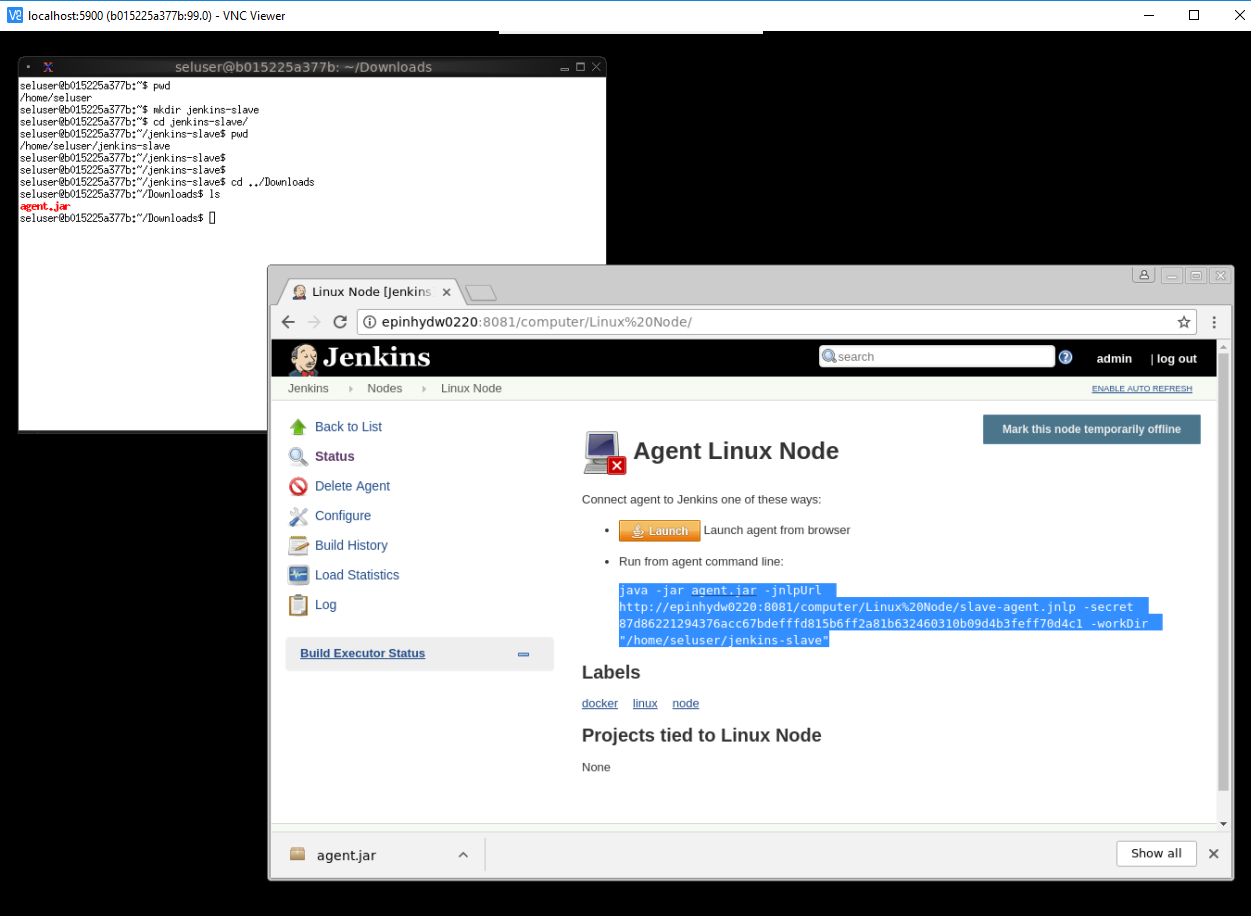








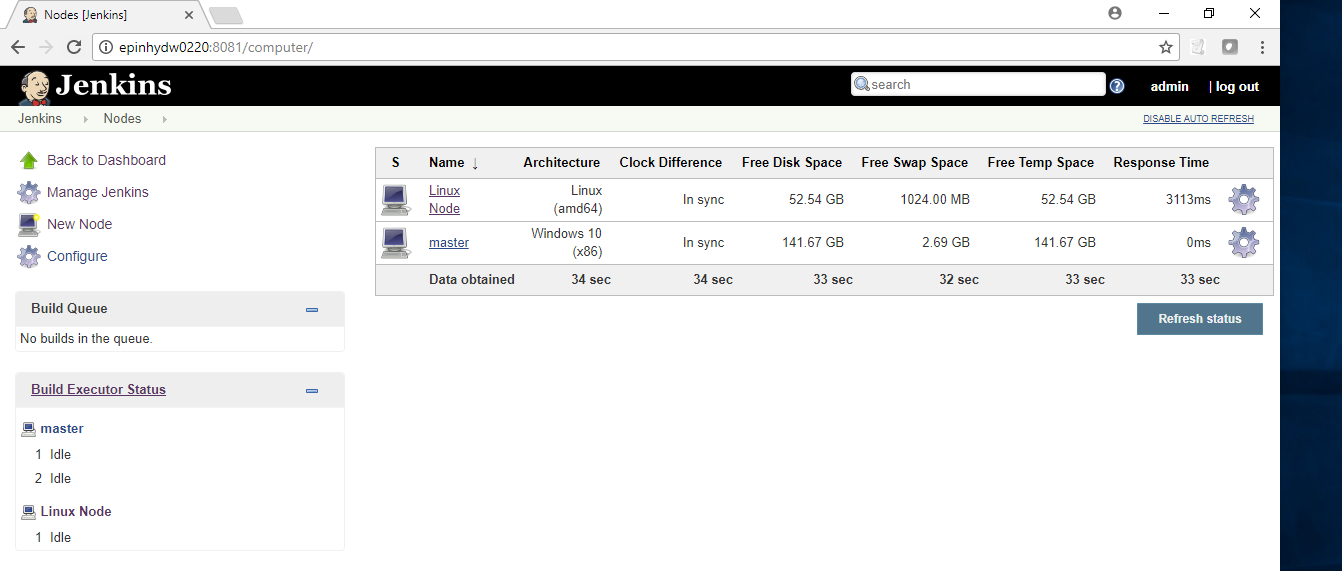








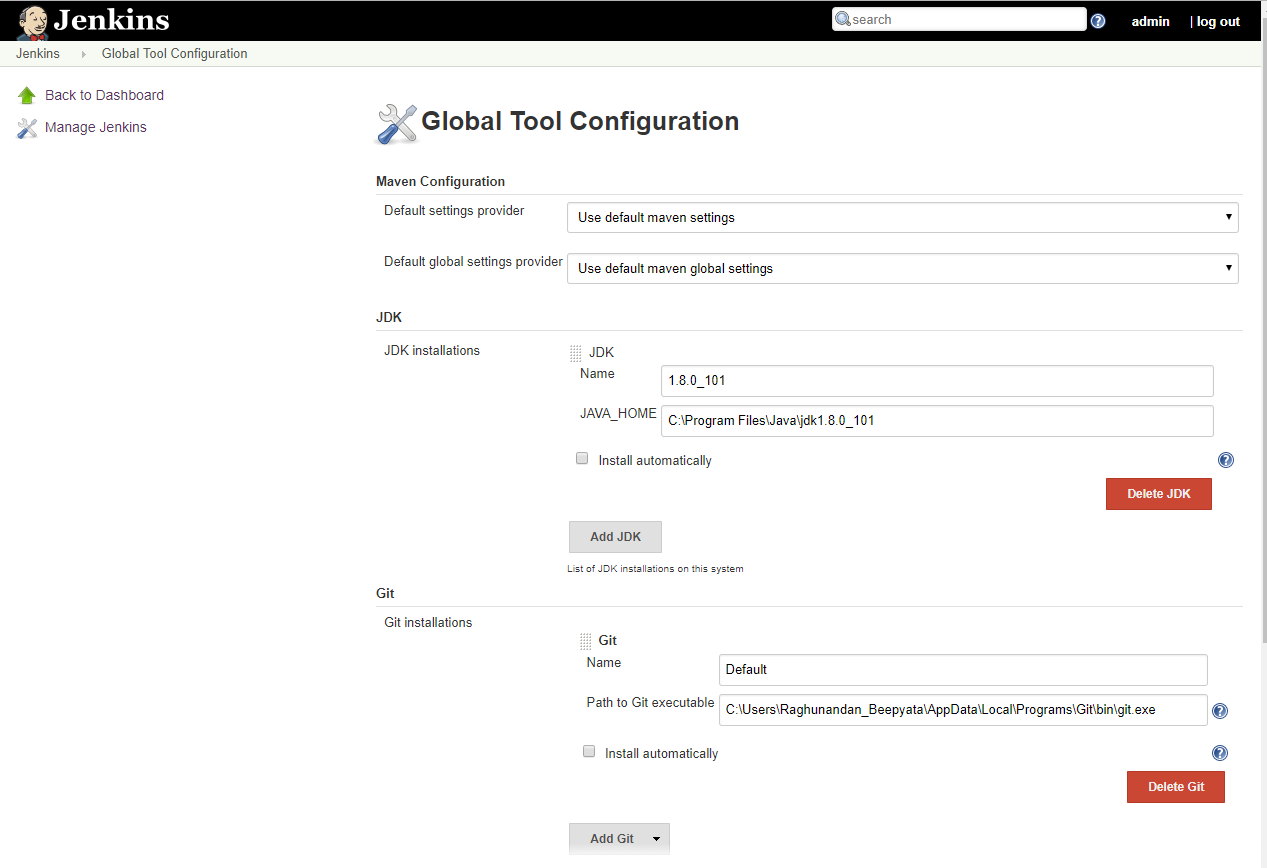


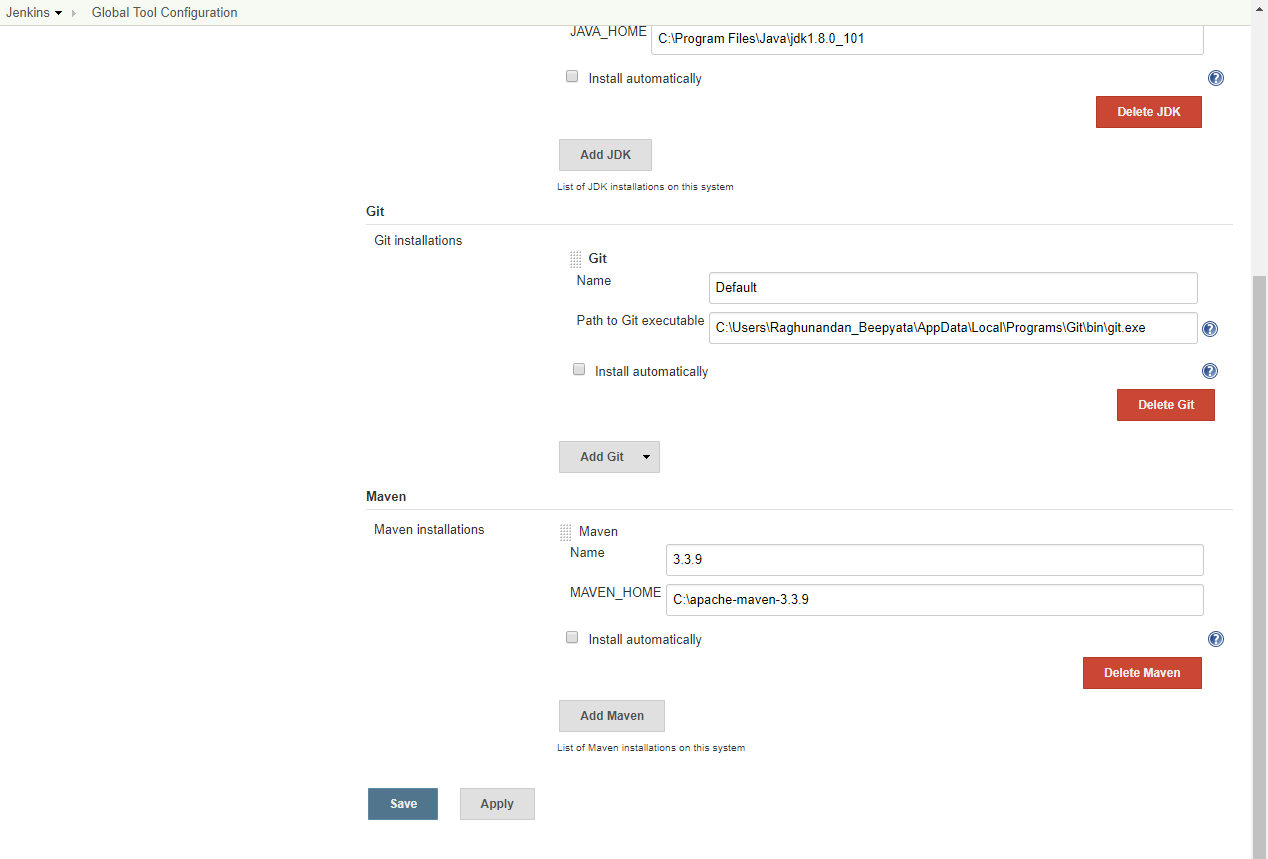


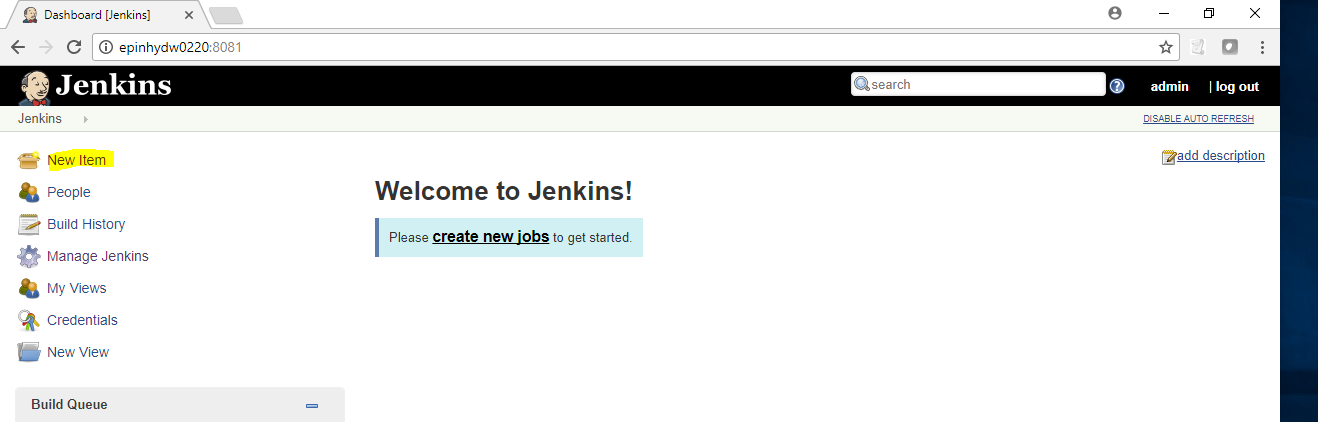
4) Create a job with the following steps:

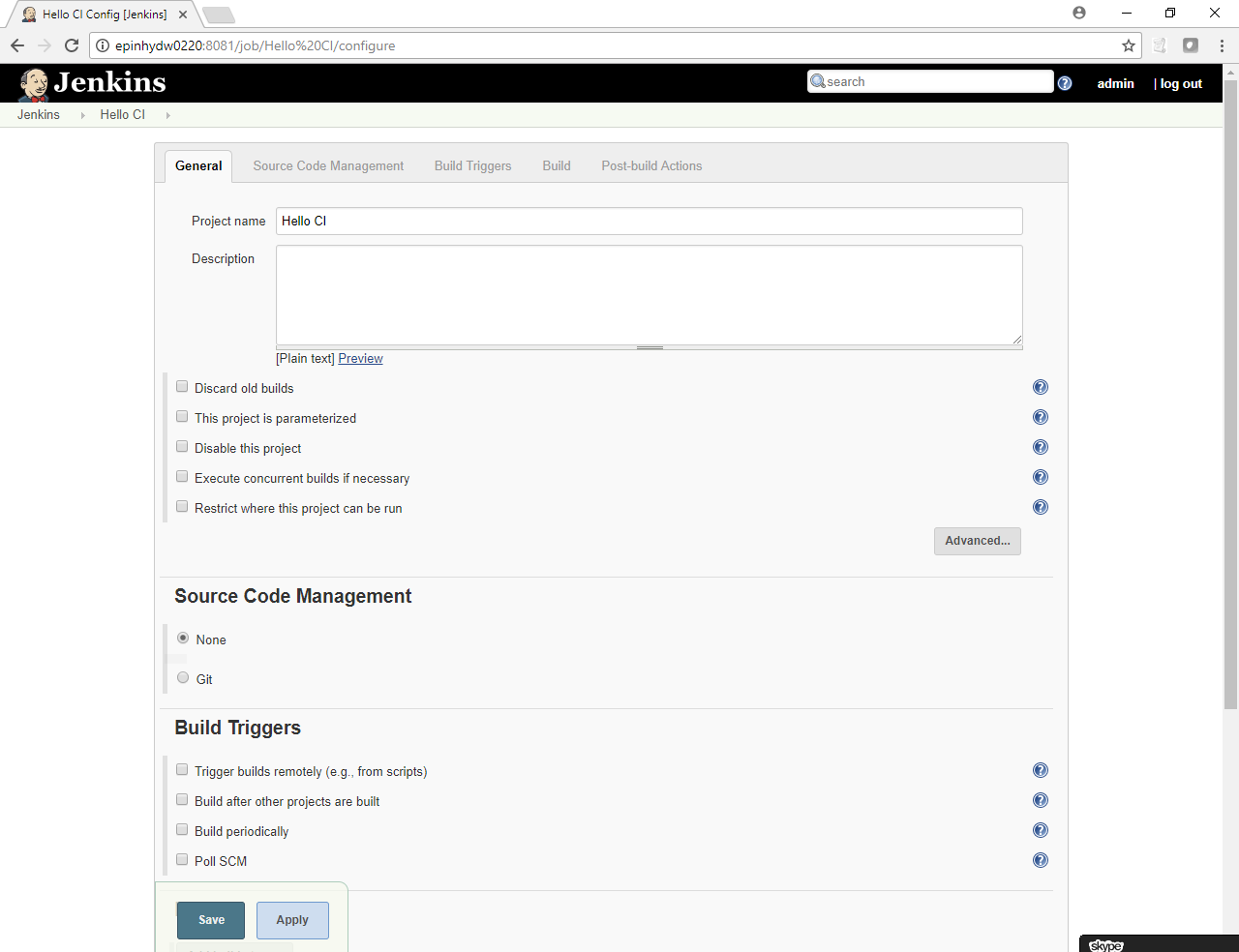
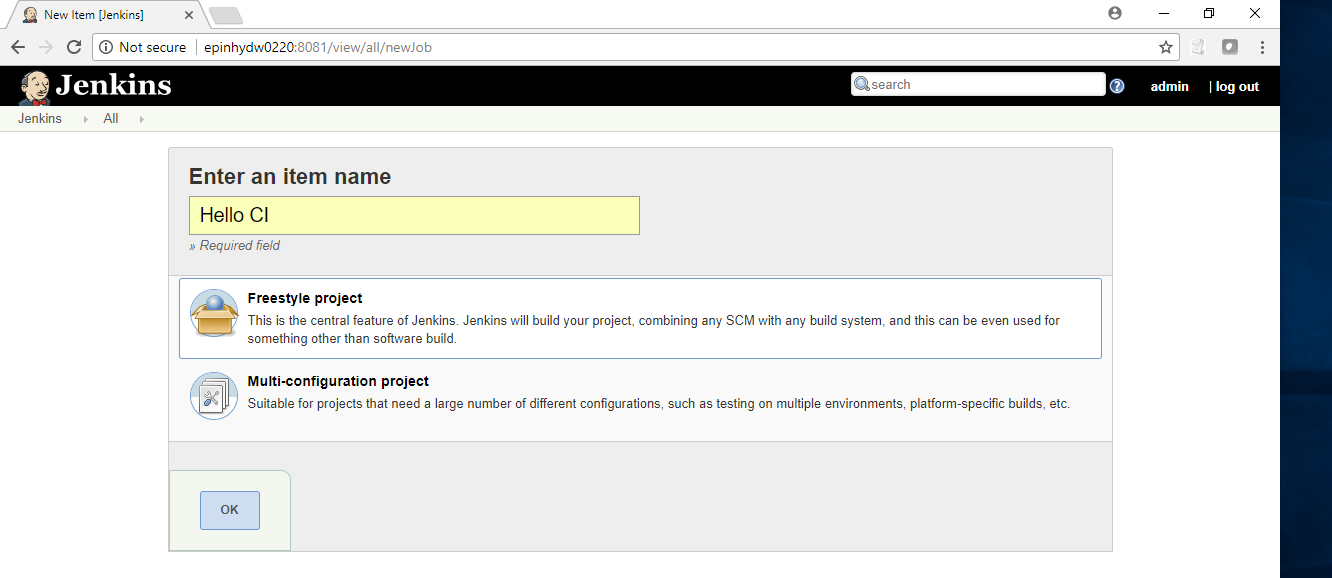
a. Get code from git repository: https://github.com/vitalliuss/helloci

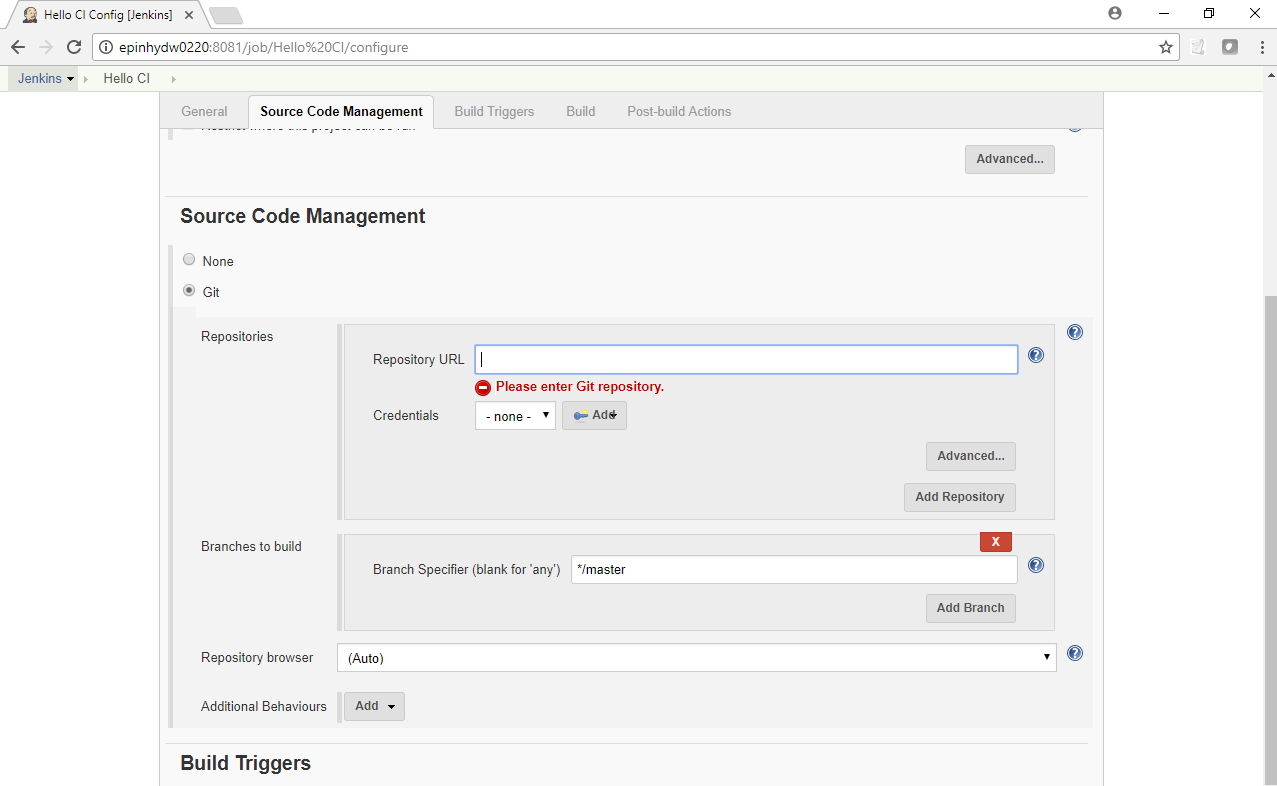
java: build and run unit tests from Java folder. Use “test” goal for maven

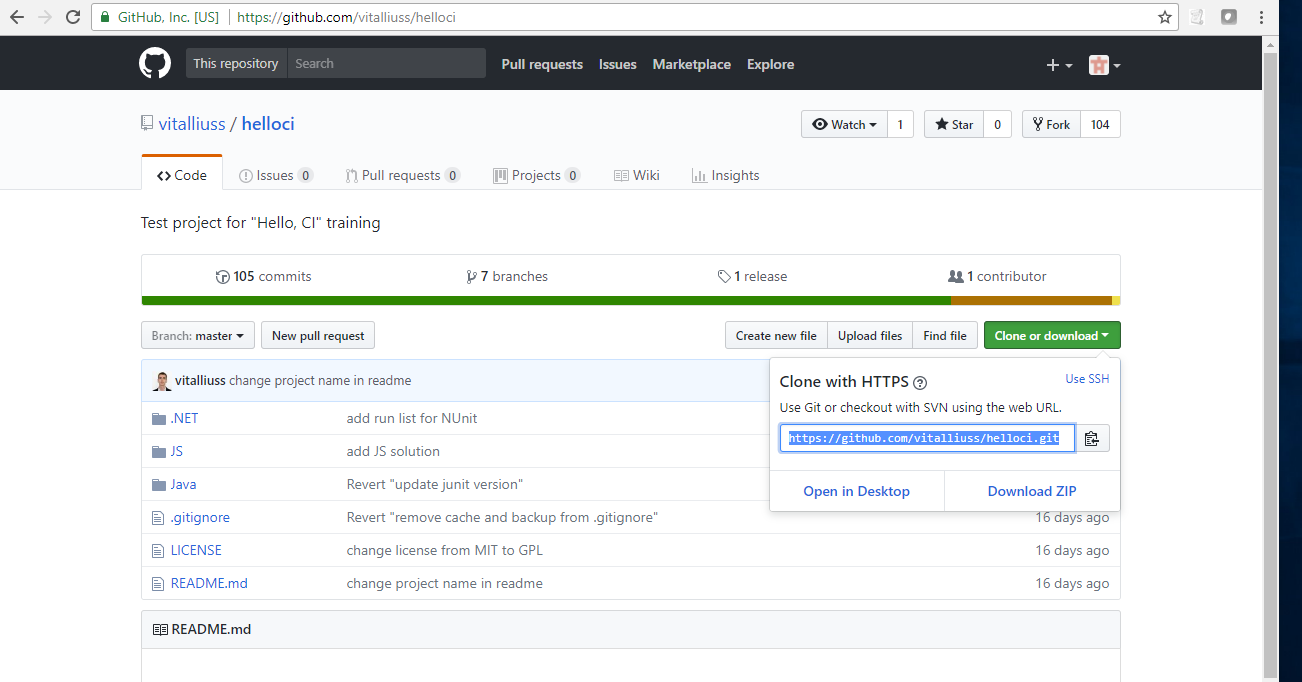


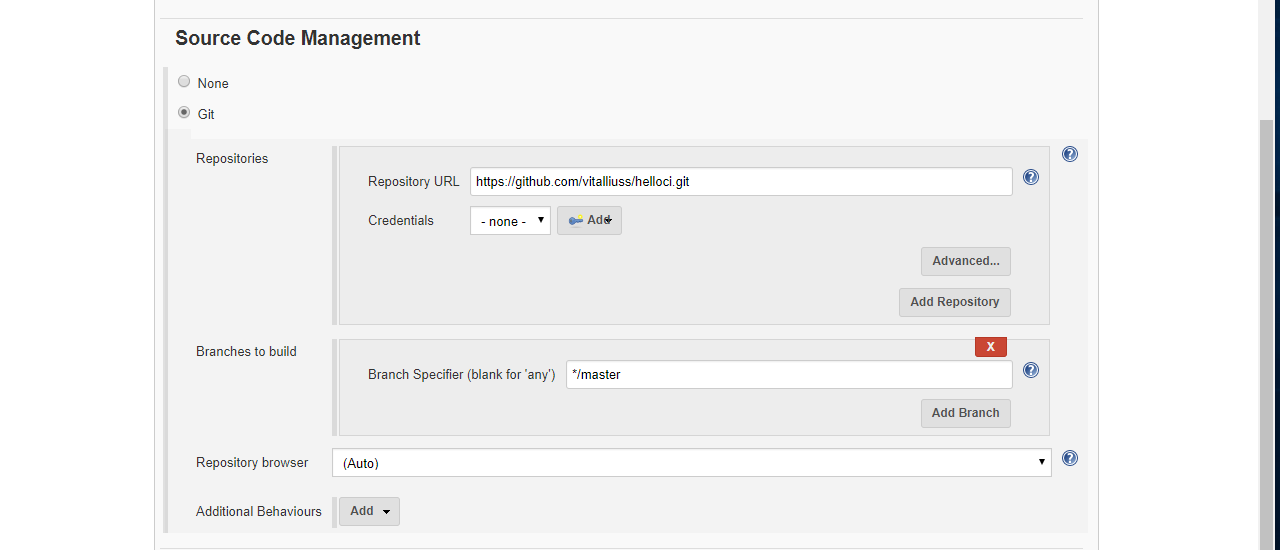


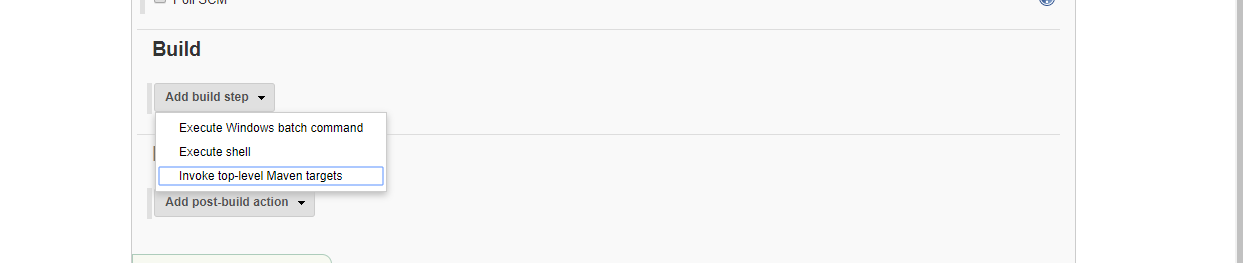


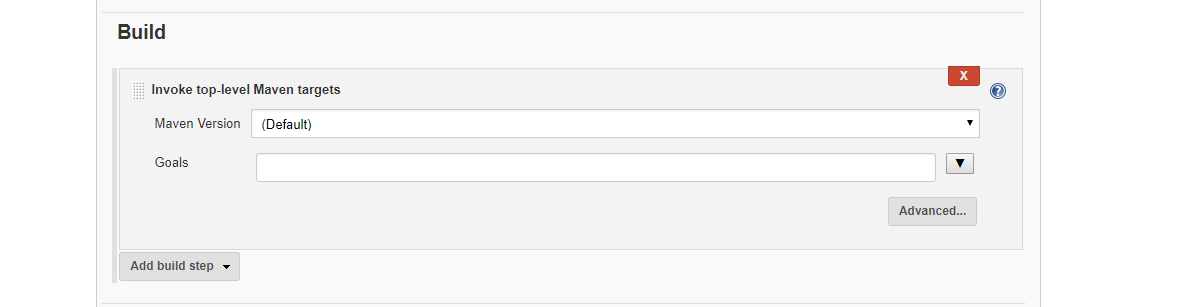


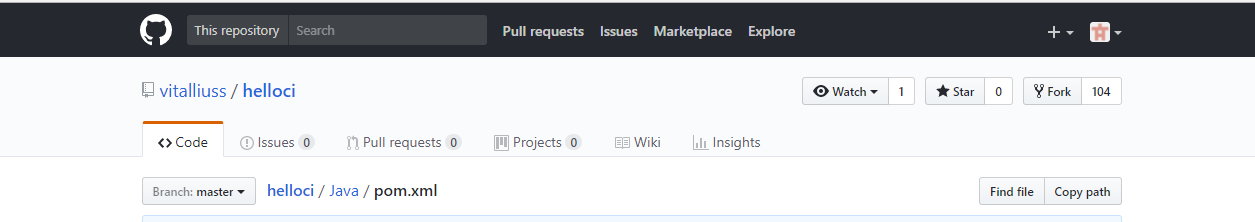


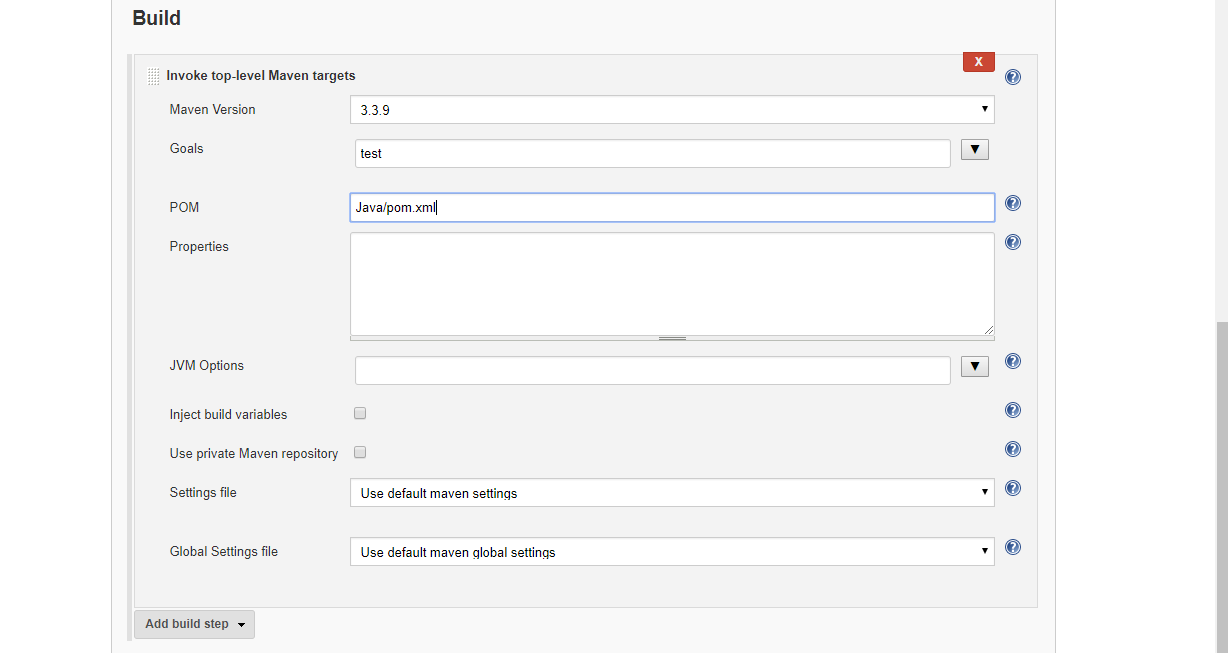


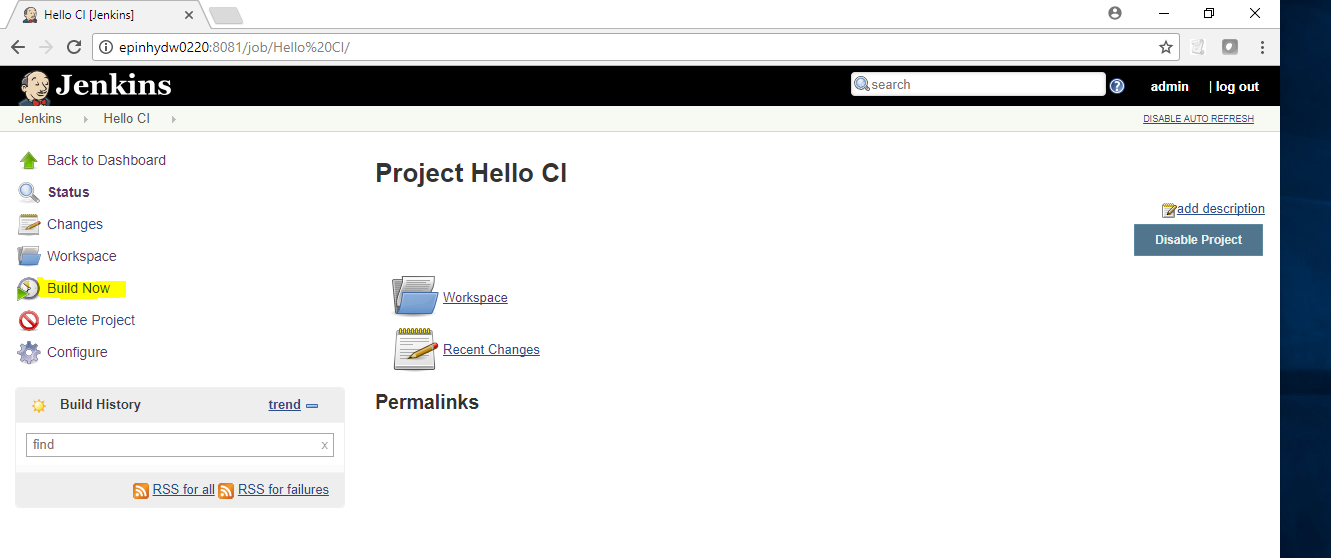


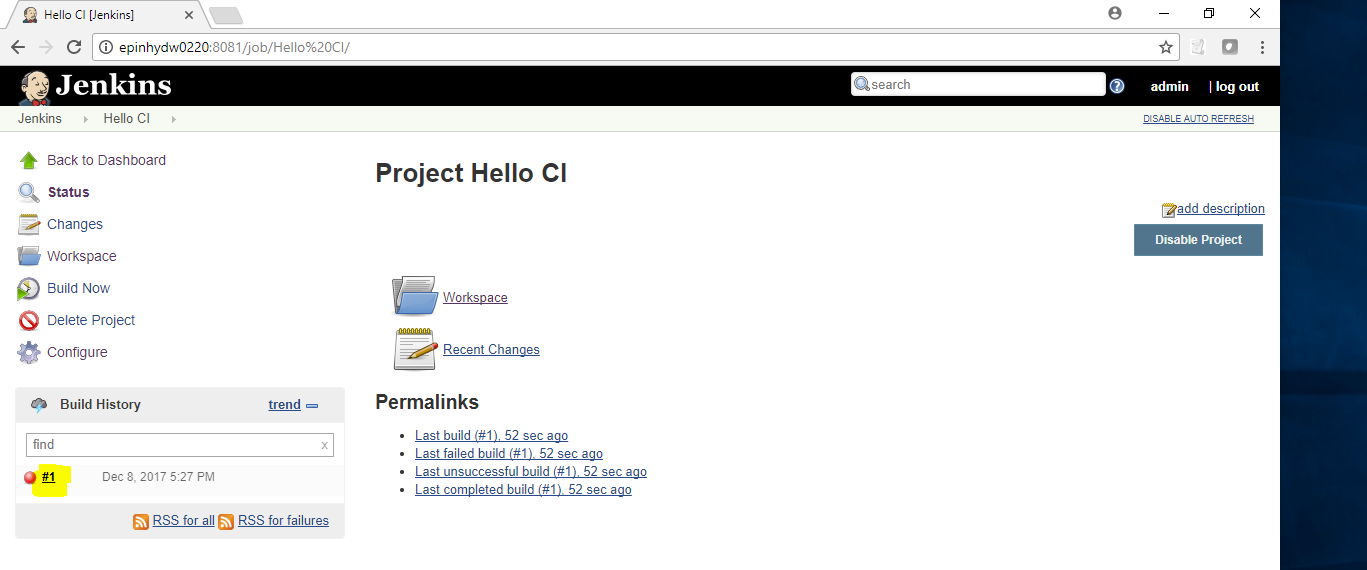


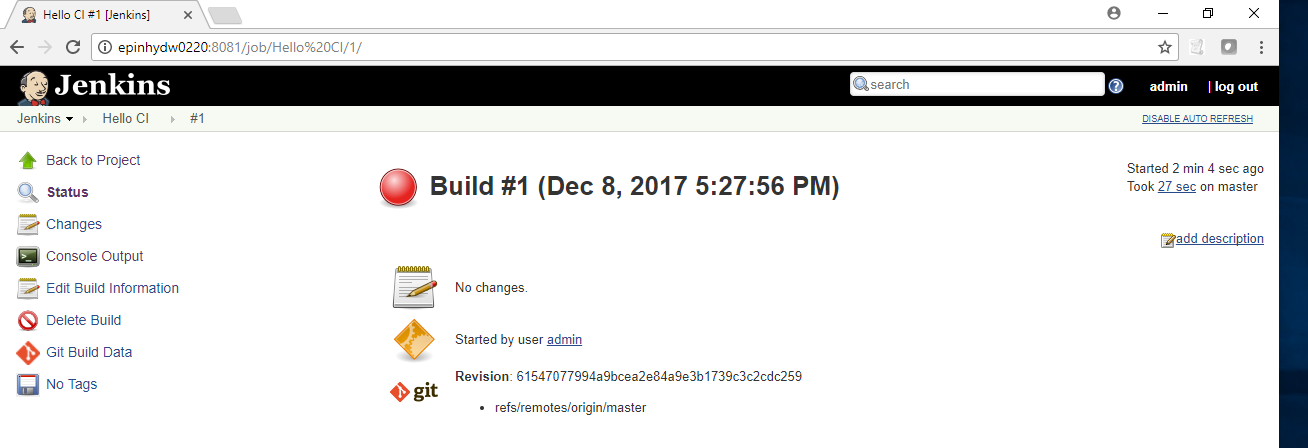


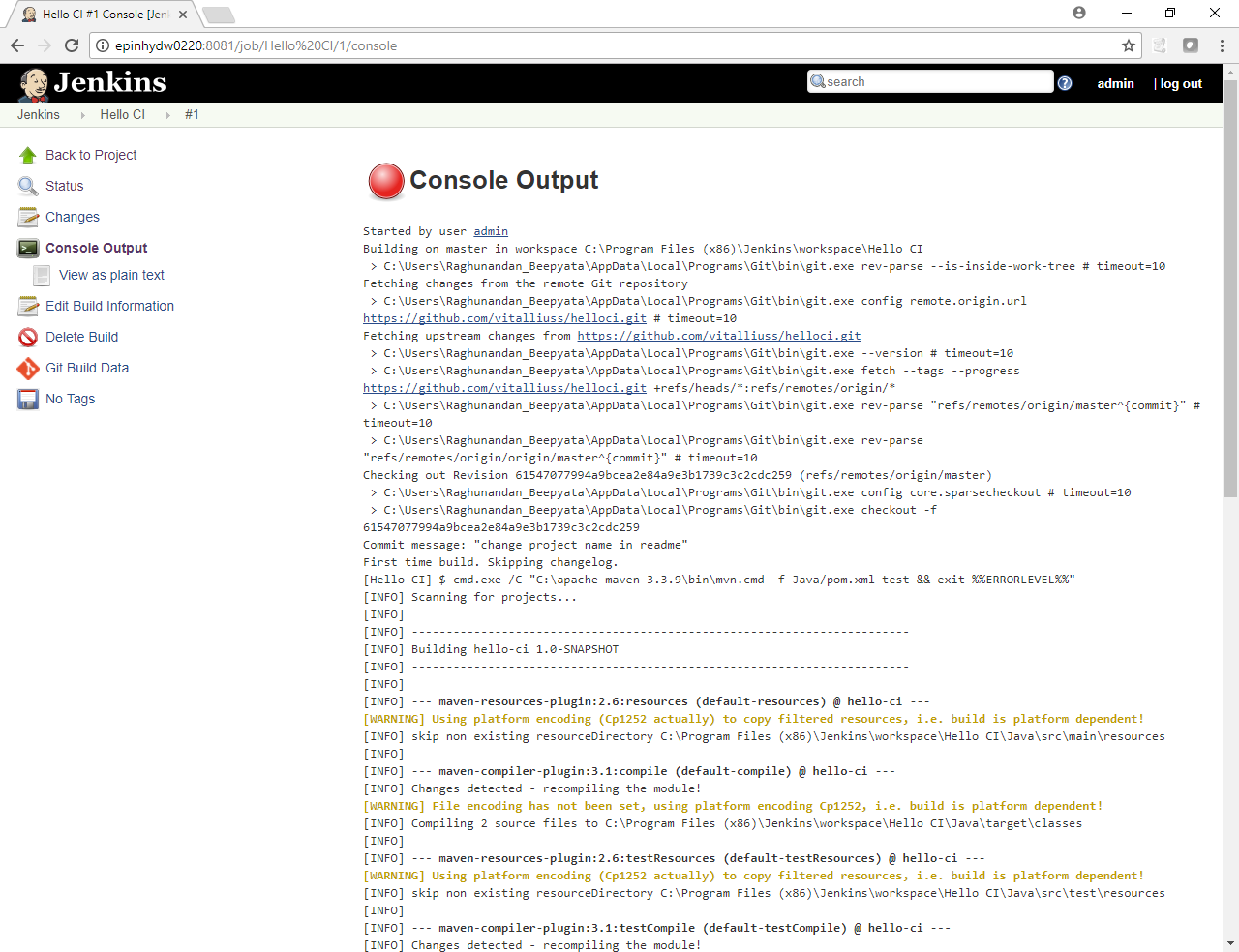


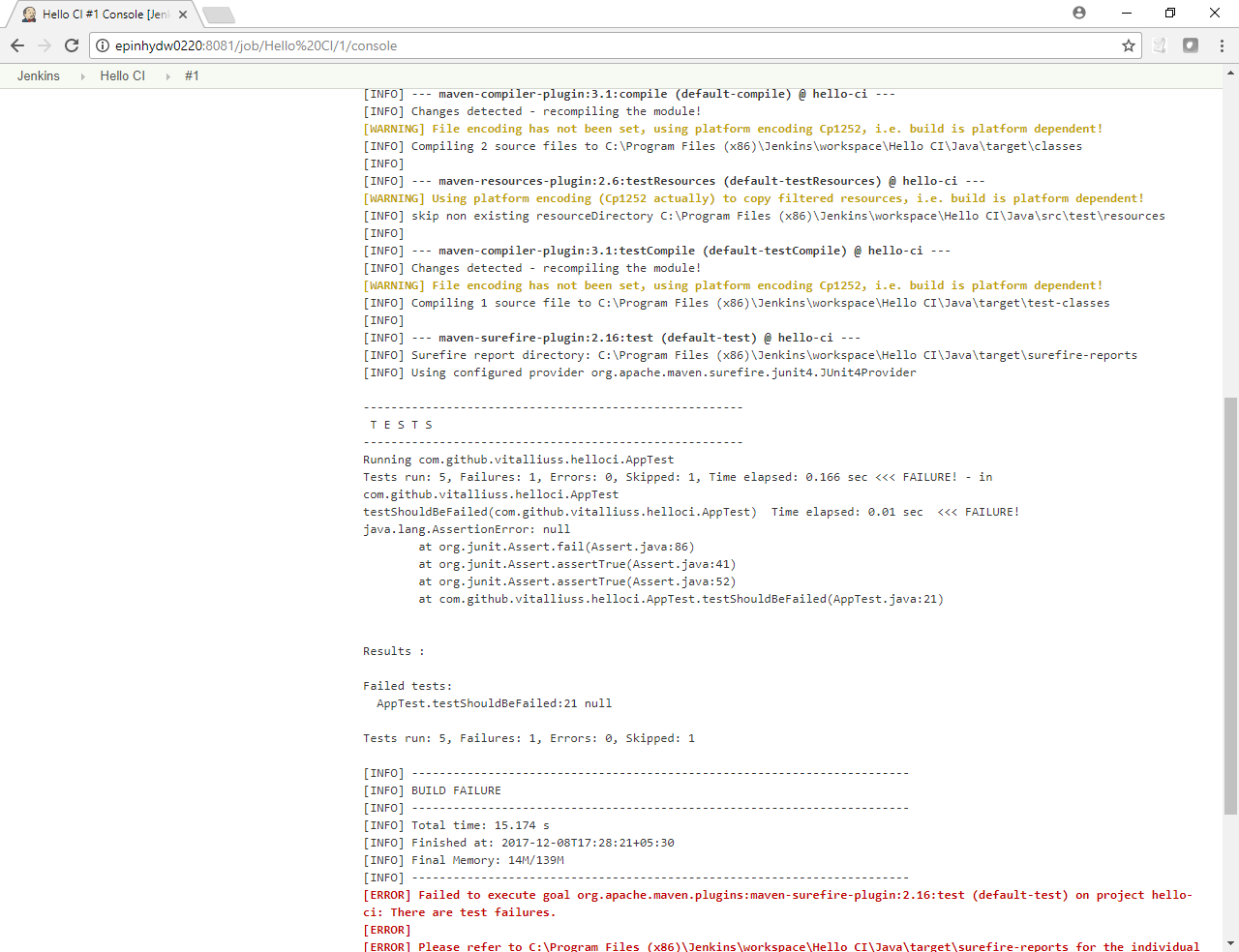


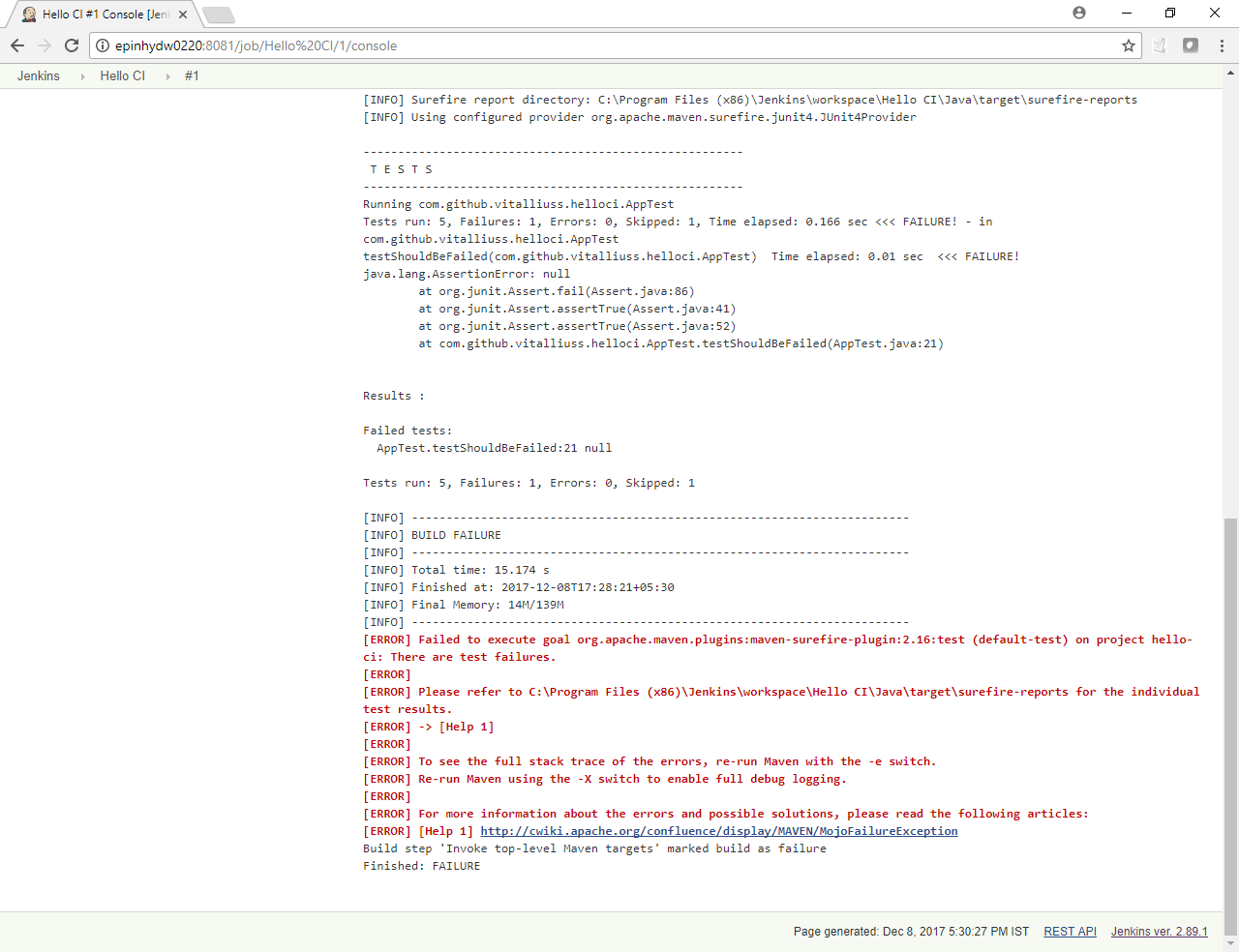






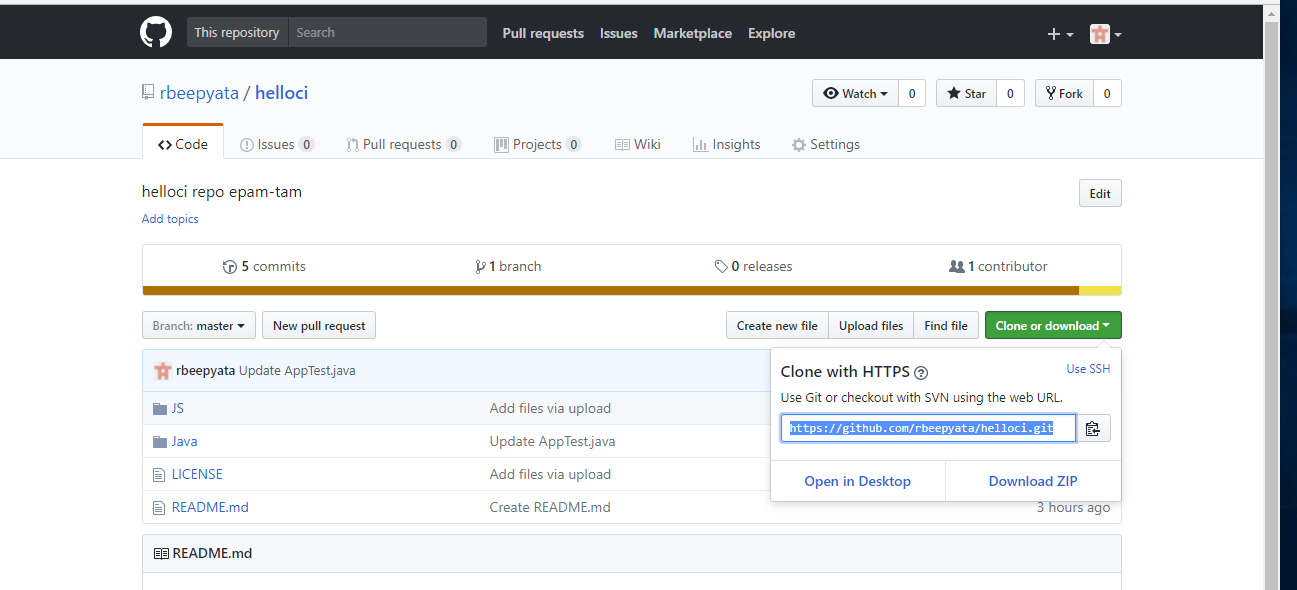


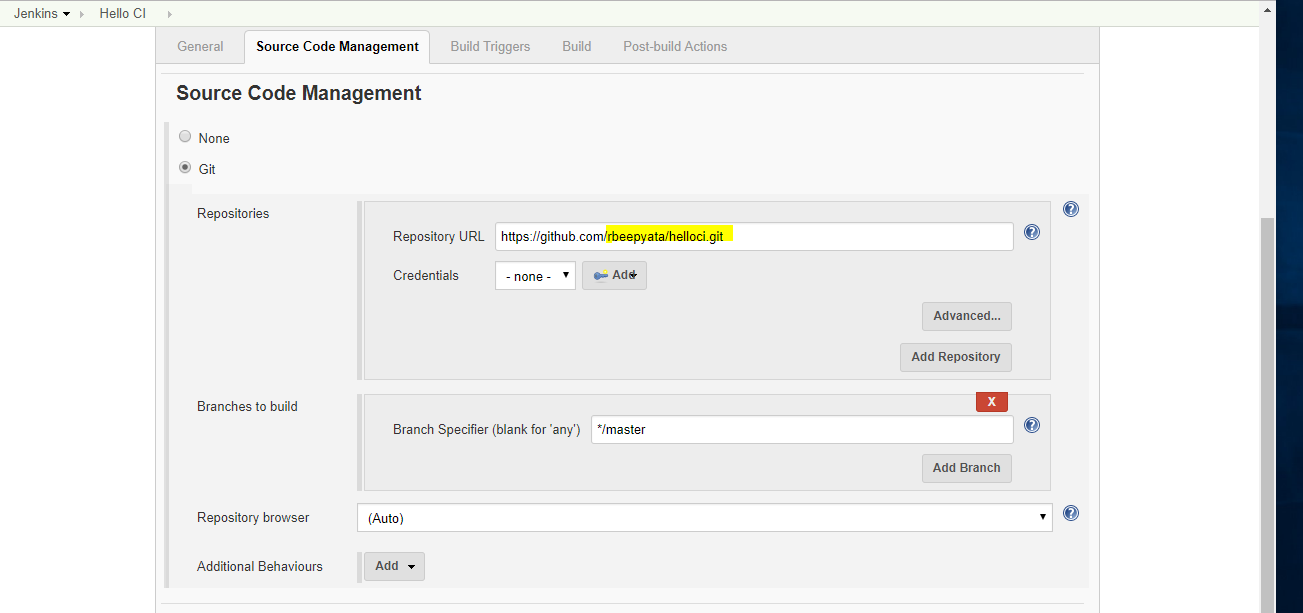


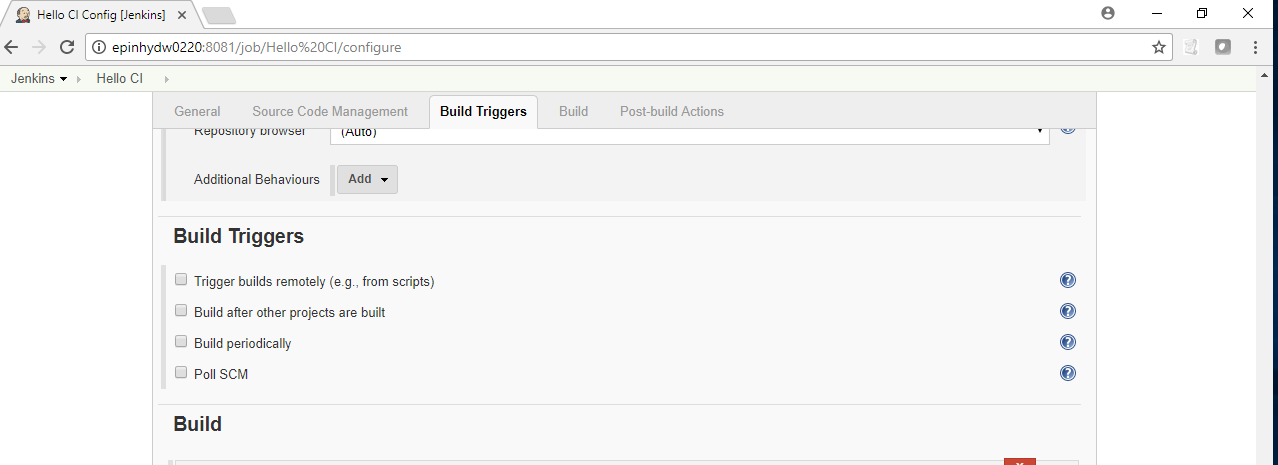


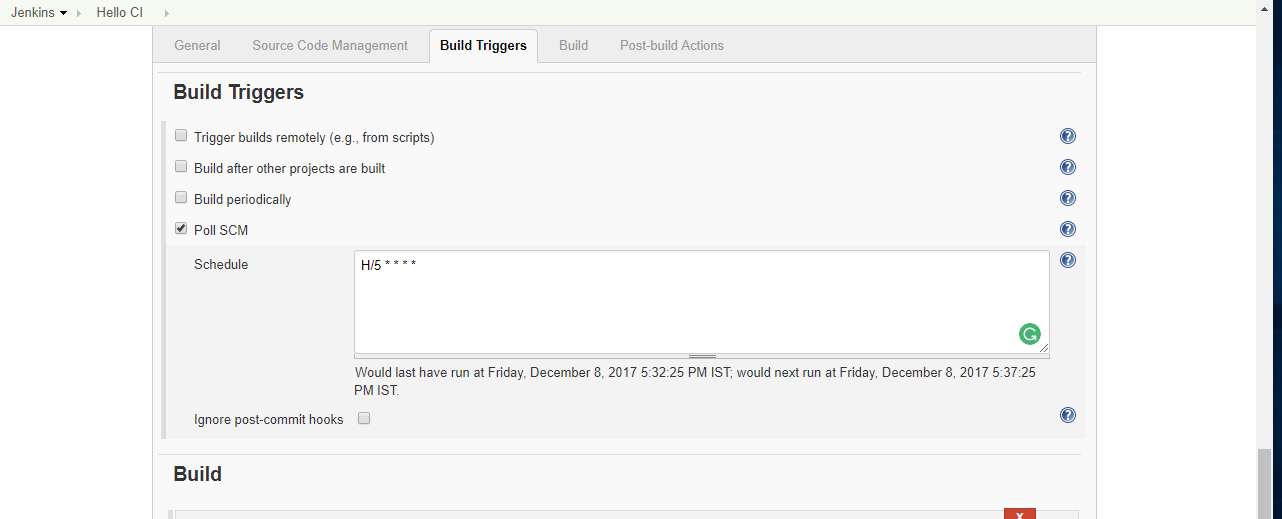
b. Set build triggers:

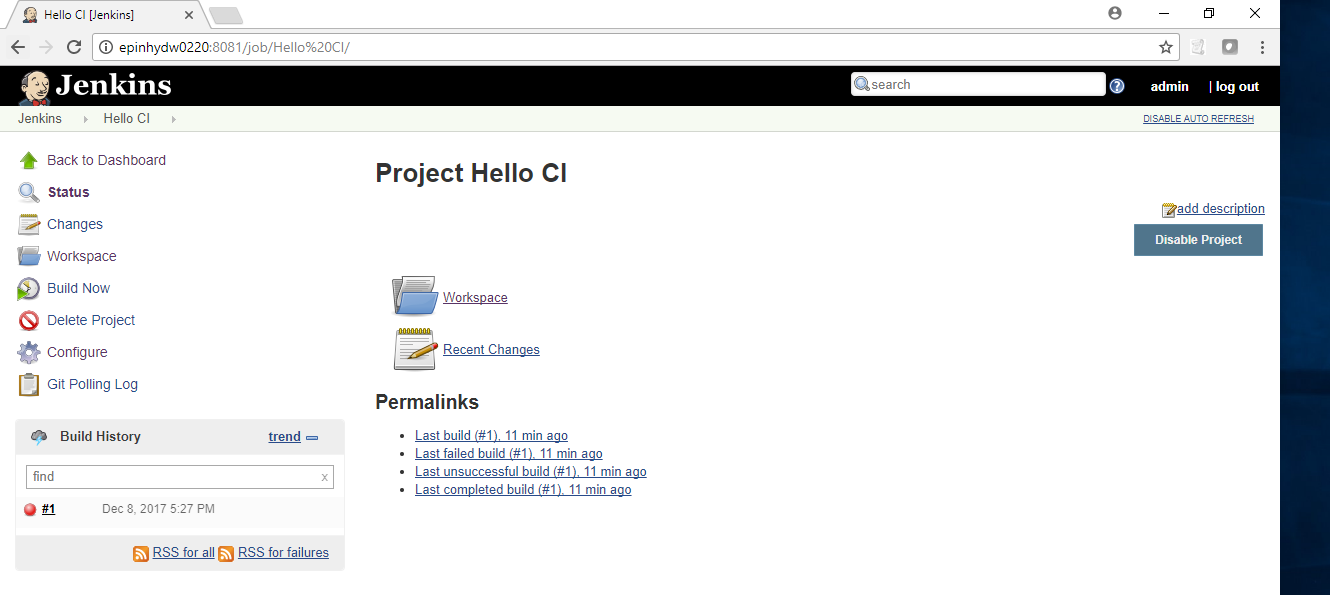
i. after commit in VCS no longer than in 5 minutes

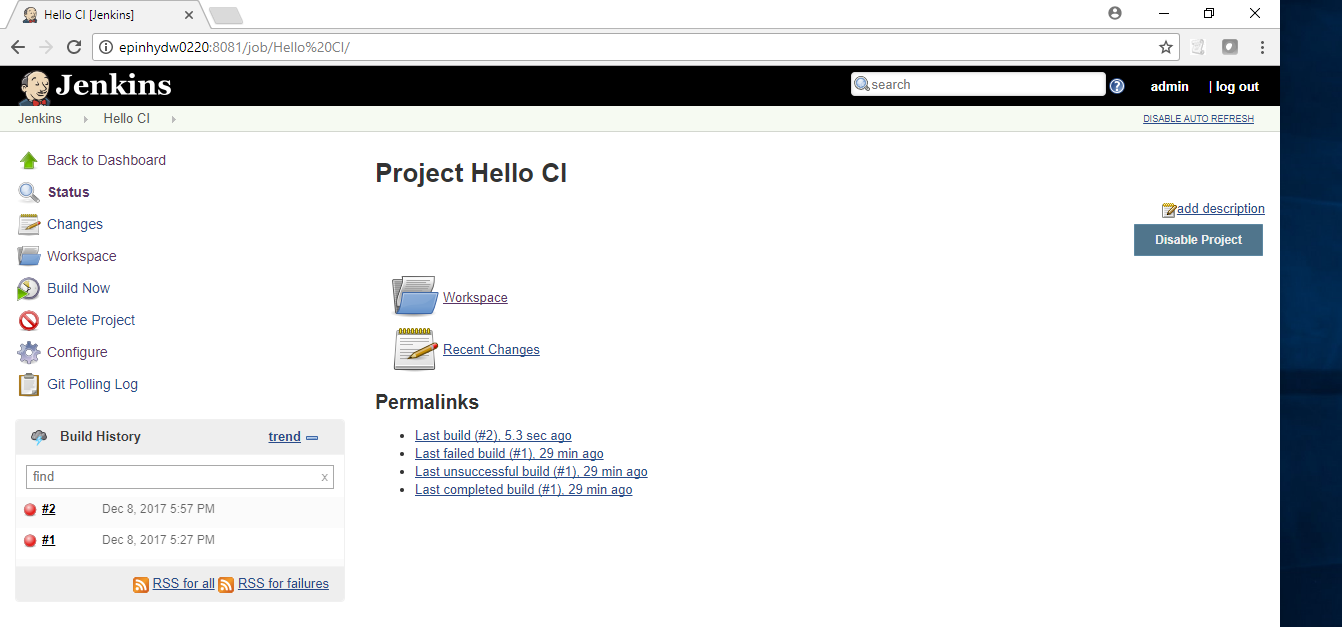
Used personal repo here to commit changes and verify triggers…

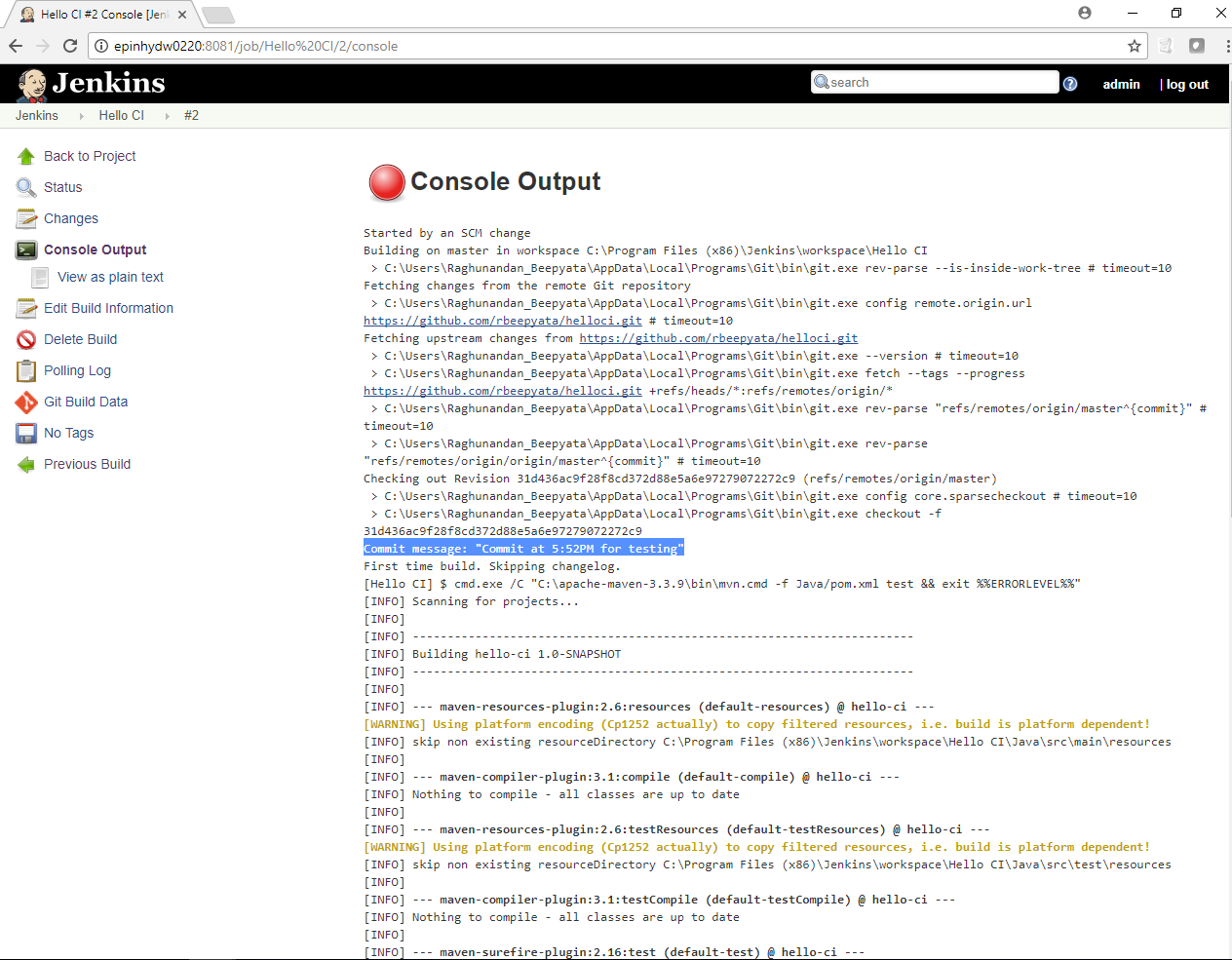






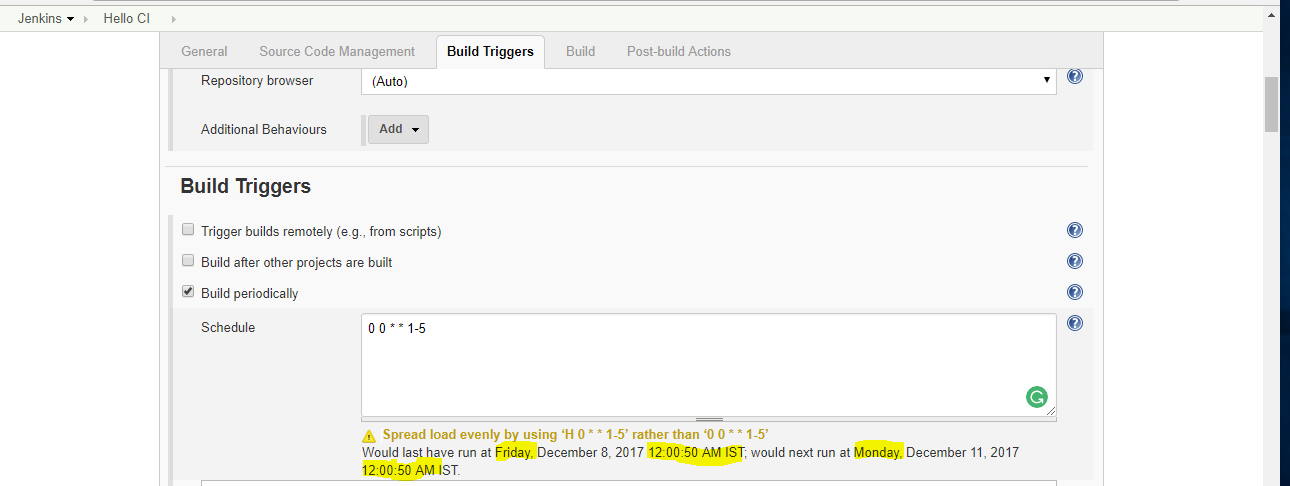




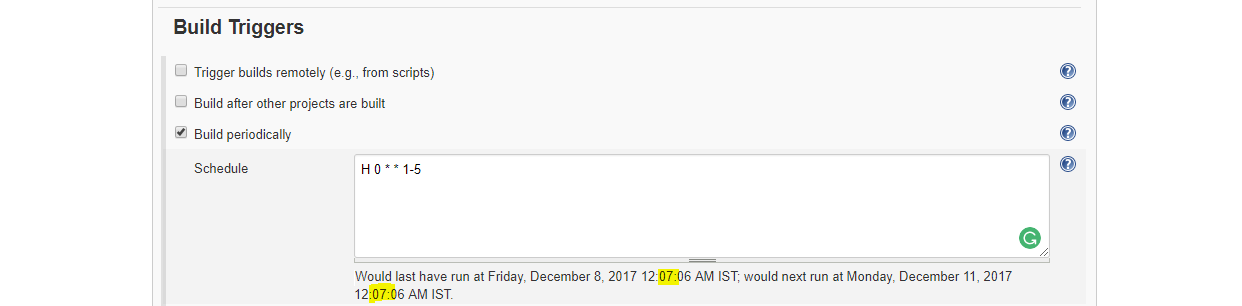


b. Set build triggers:

ii. at midnight every weekday (Mon-Fri)



(Optionally, as suggested by the tool, we may spread the load evenly using the following schedule)



c. Job should run on slave only

