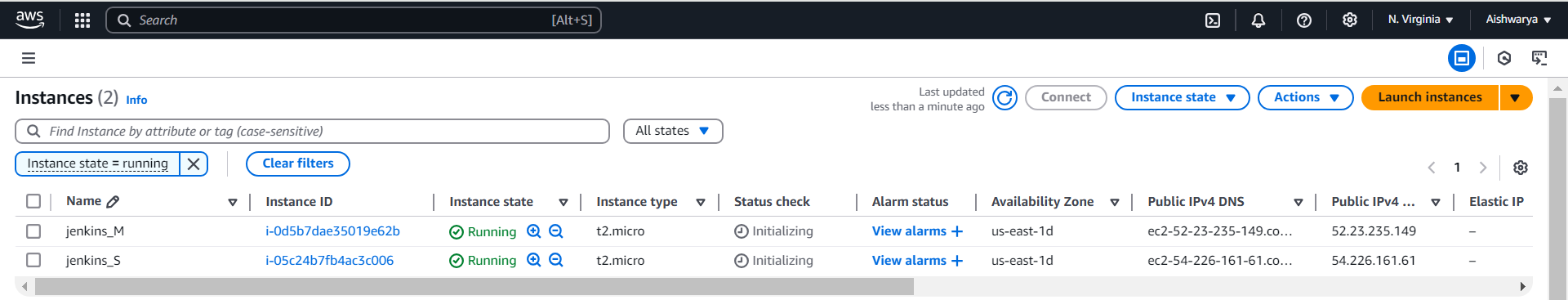
**Module-8: Jenkins Assignment - 1**

You have been asked to:

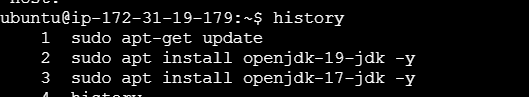
● Trigger a pipeline using Git when push on Develop branch

● Pipeline should pull git content to a folder

Created 2 instances



Update package and Install java version 17 on both master and slave machine



Jenkins needs to be installed only on master machine



Cmd to install Jenkins:

sudo wget -O /usr/share/keyrings/jenkins-keyring.asc \

https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key

echo "deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc]" \

https://pkg.jenkins.io/debian-stable binary/ | sudo tee \

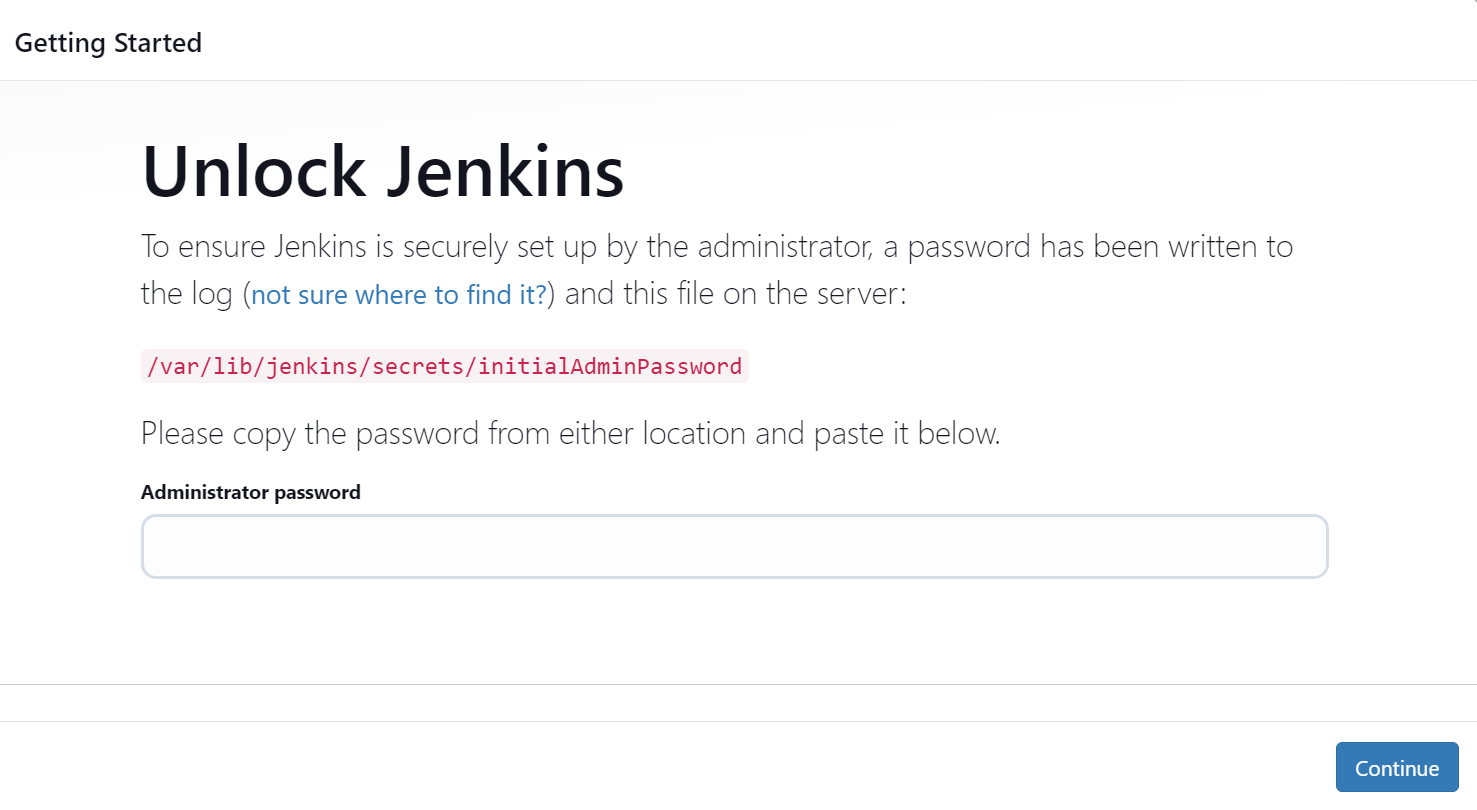
/etc/apt/sources.list.d/jenkins.list **>** /dev/null

sudo apt-get update

sudo apt-get install jenkins

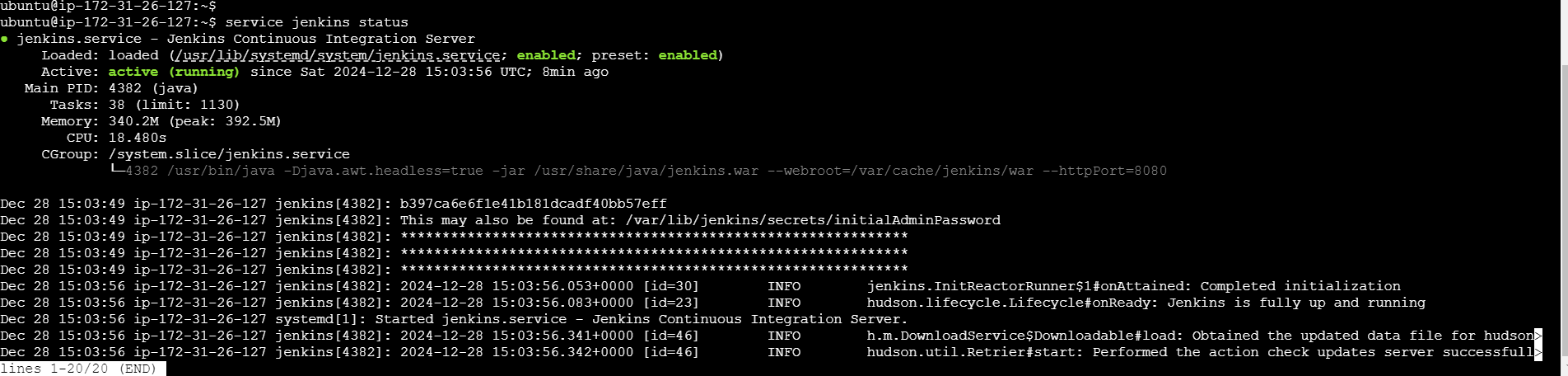
take public Ip address of master machine where Jenkins installed.

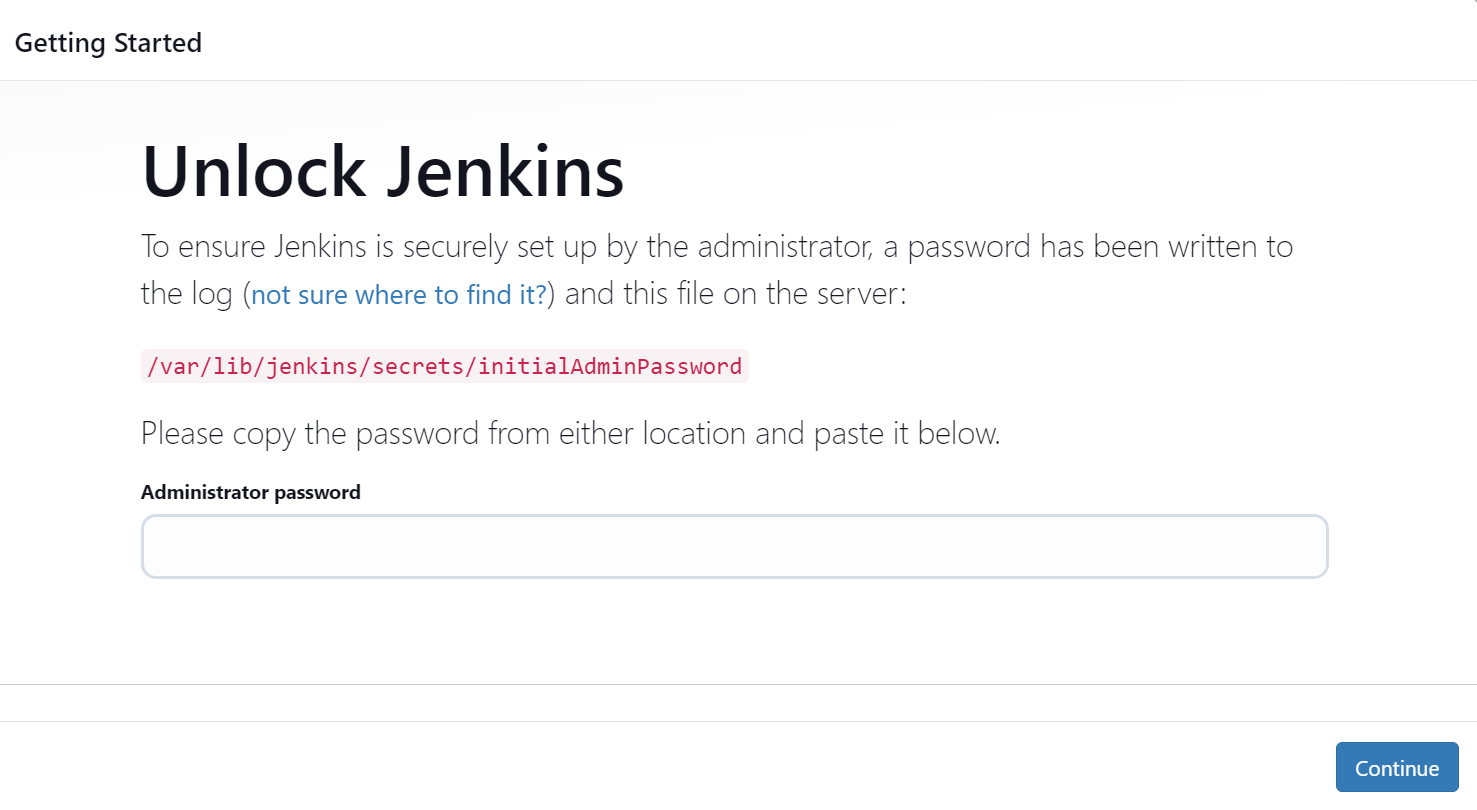
http:public\_Ip:8080



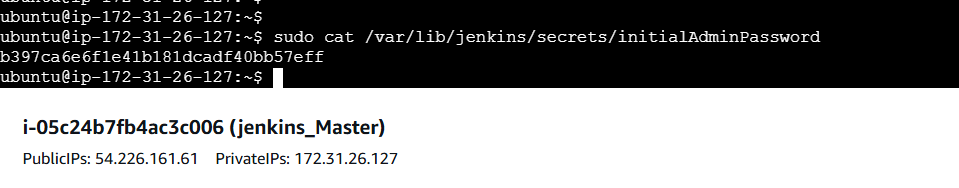
To see jenkins installed

Cmd: service jenkins status

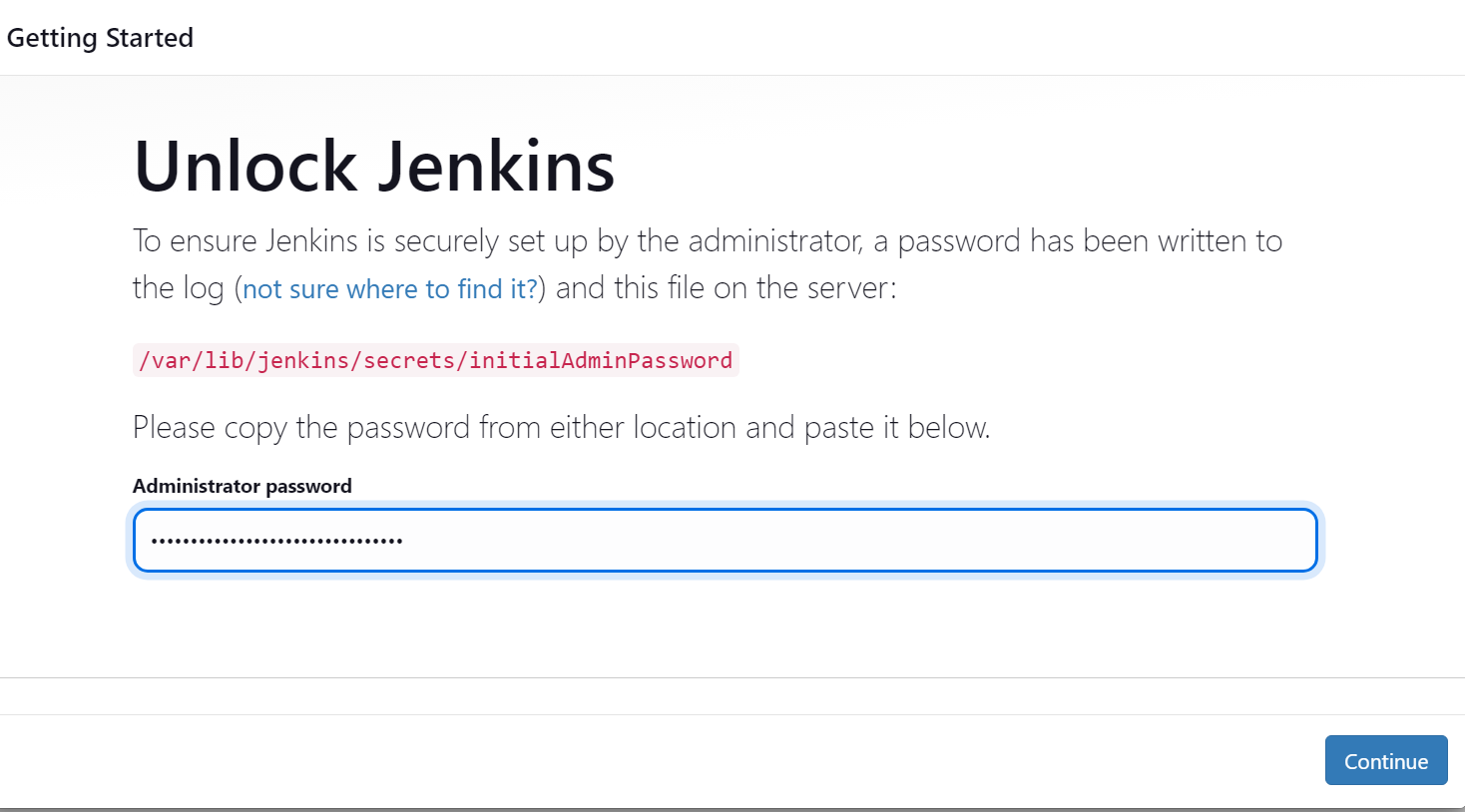


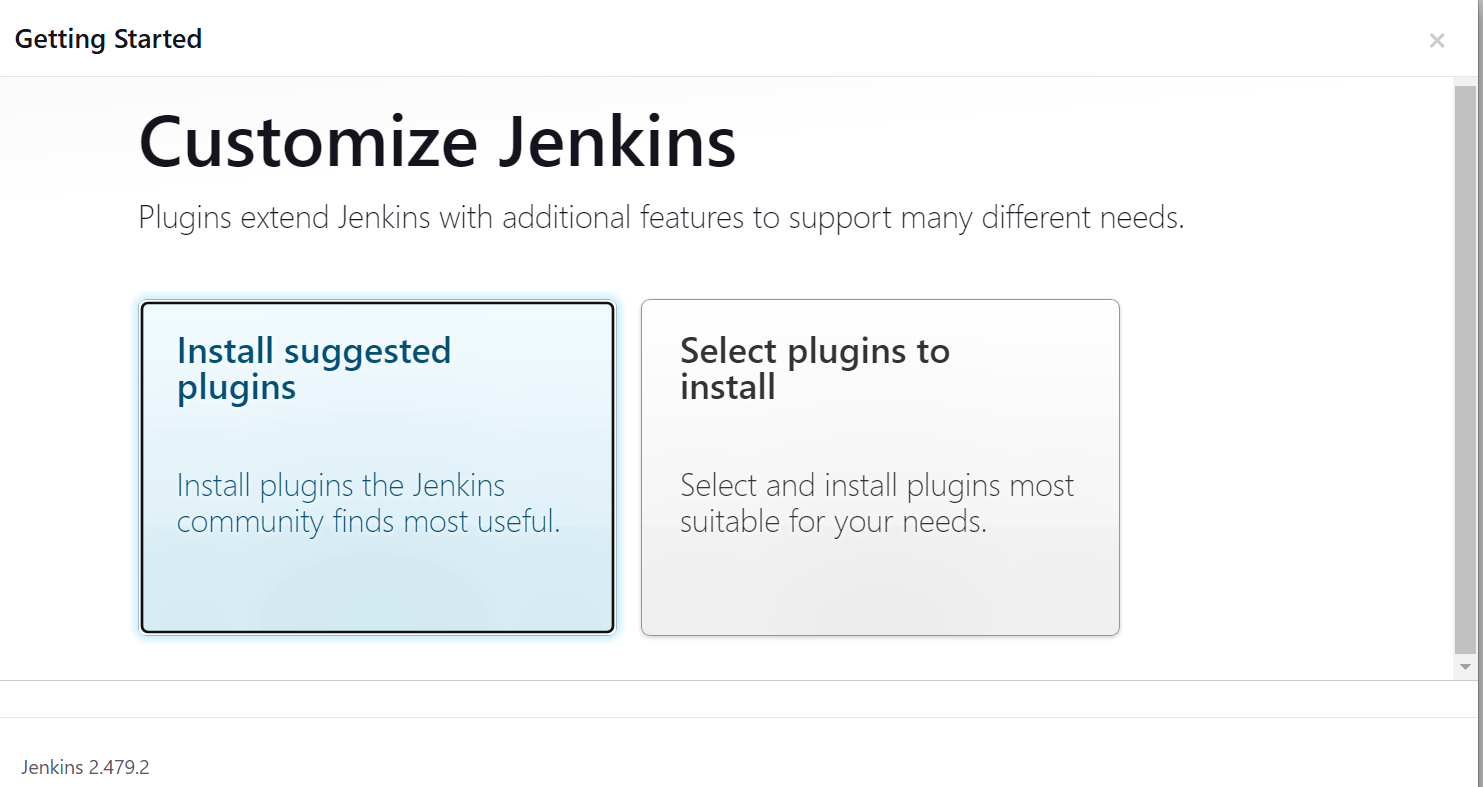


Go to the path and take password and enter from master machine

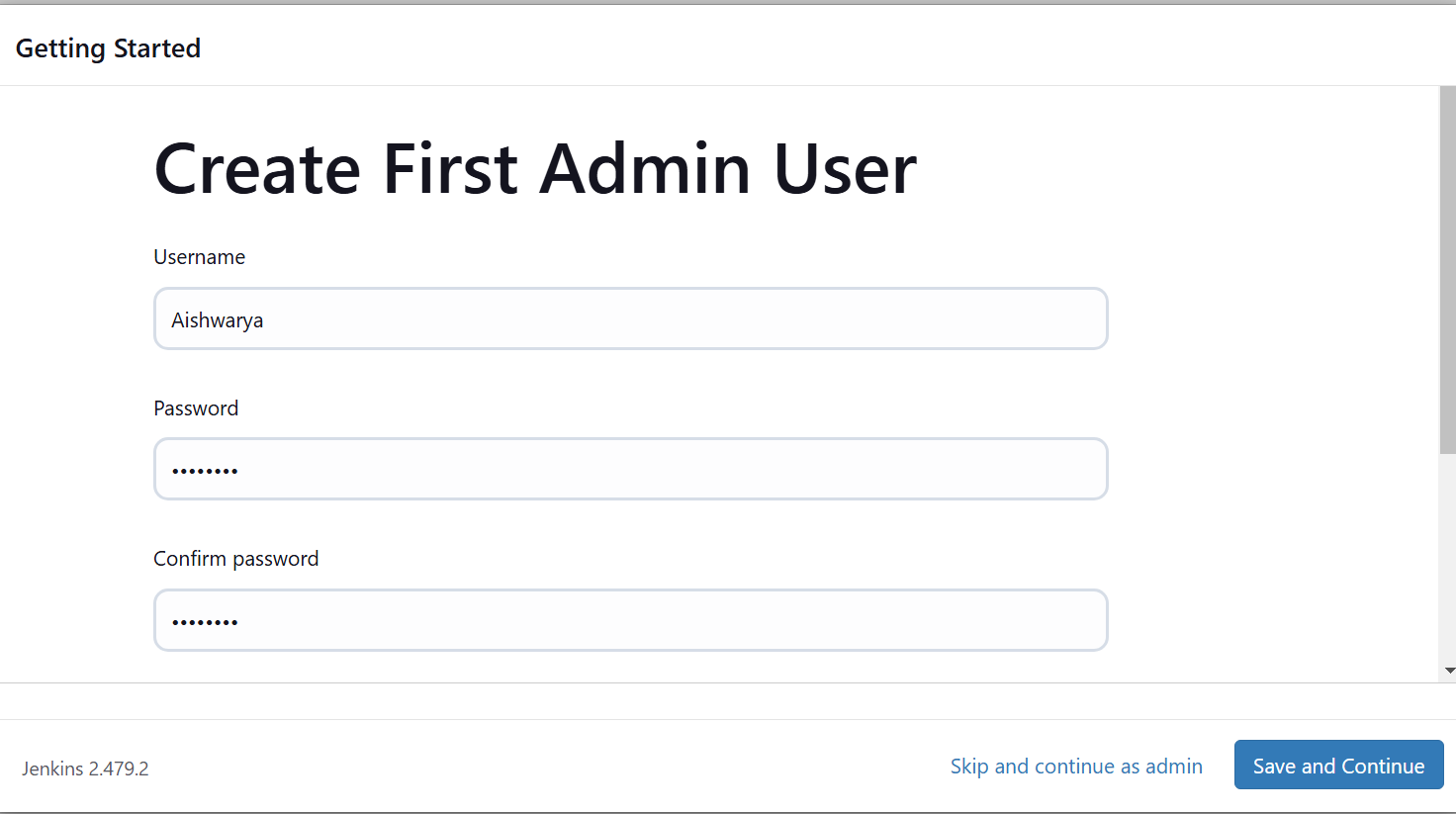


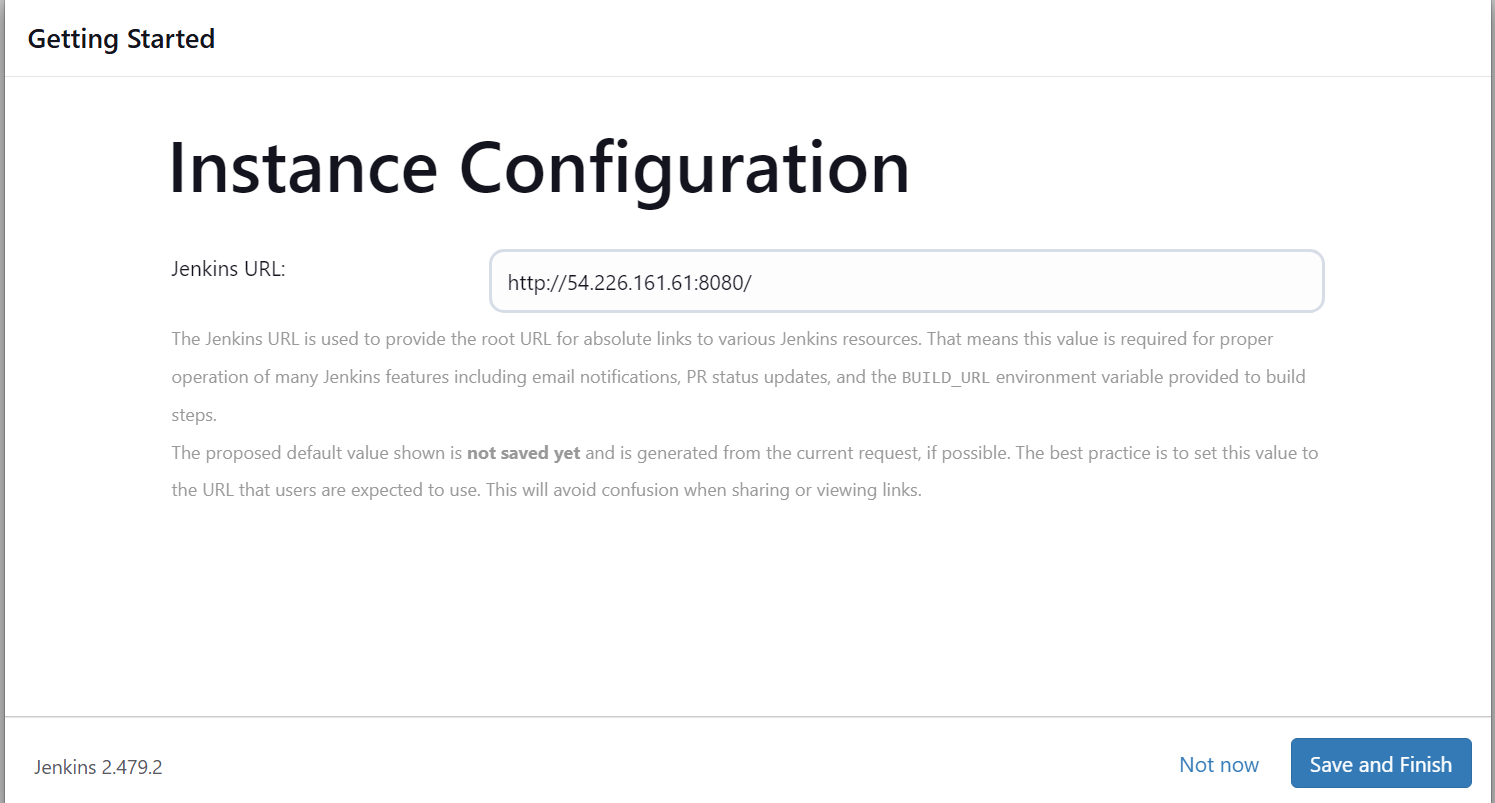
Take the password and login

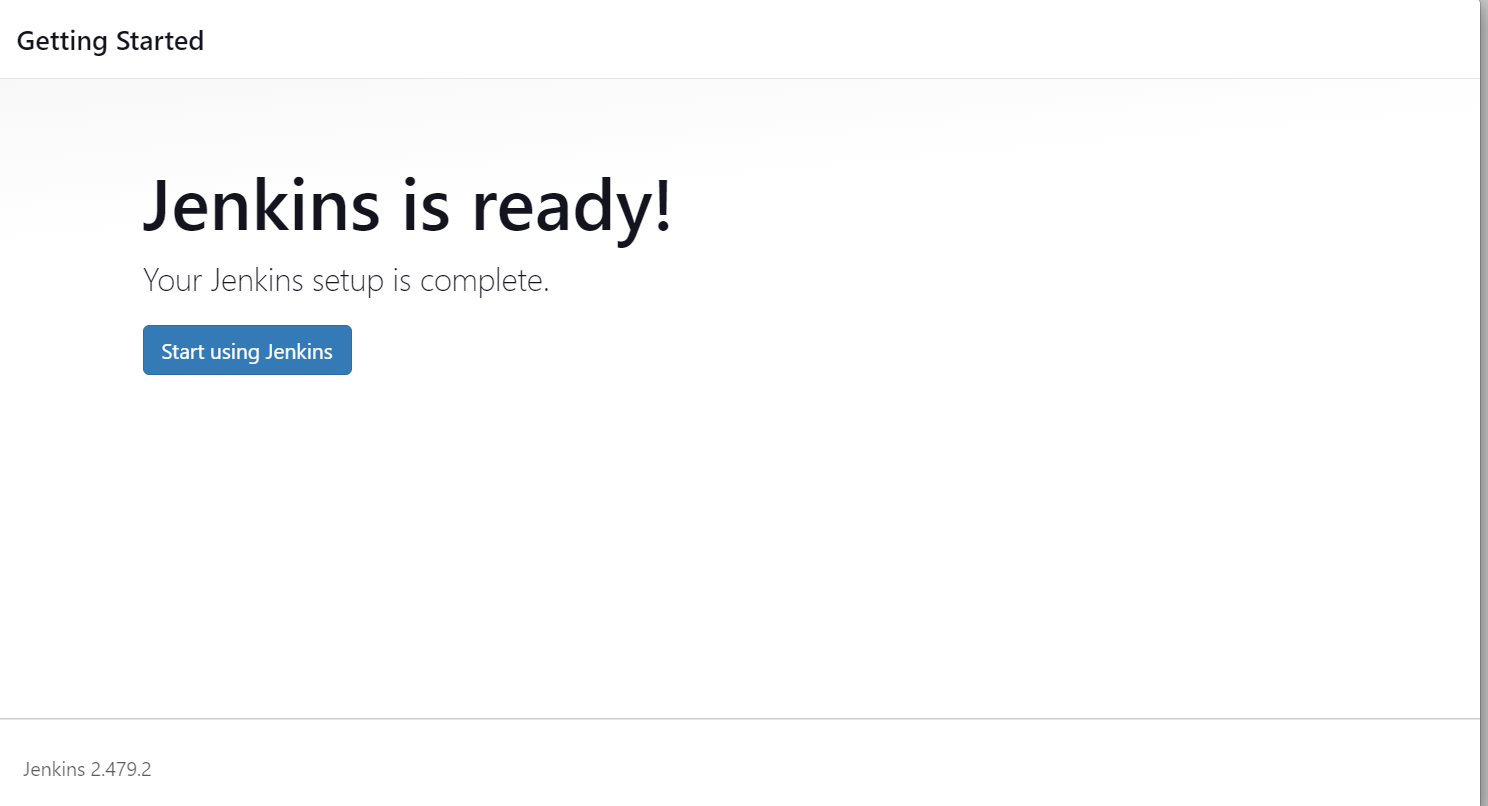


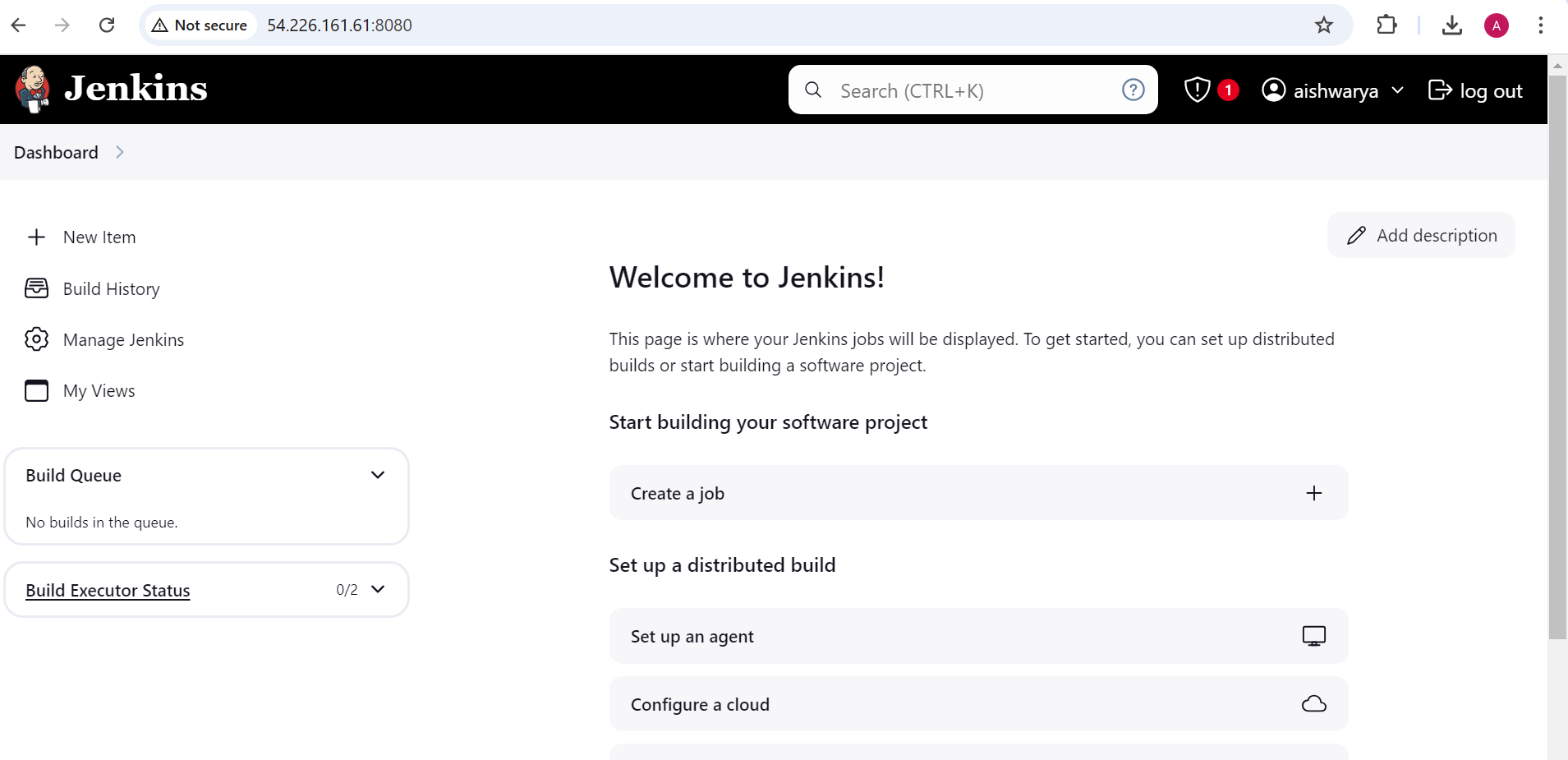


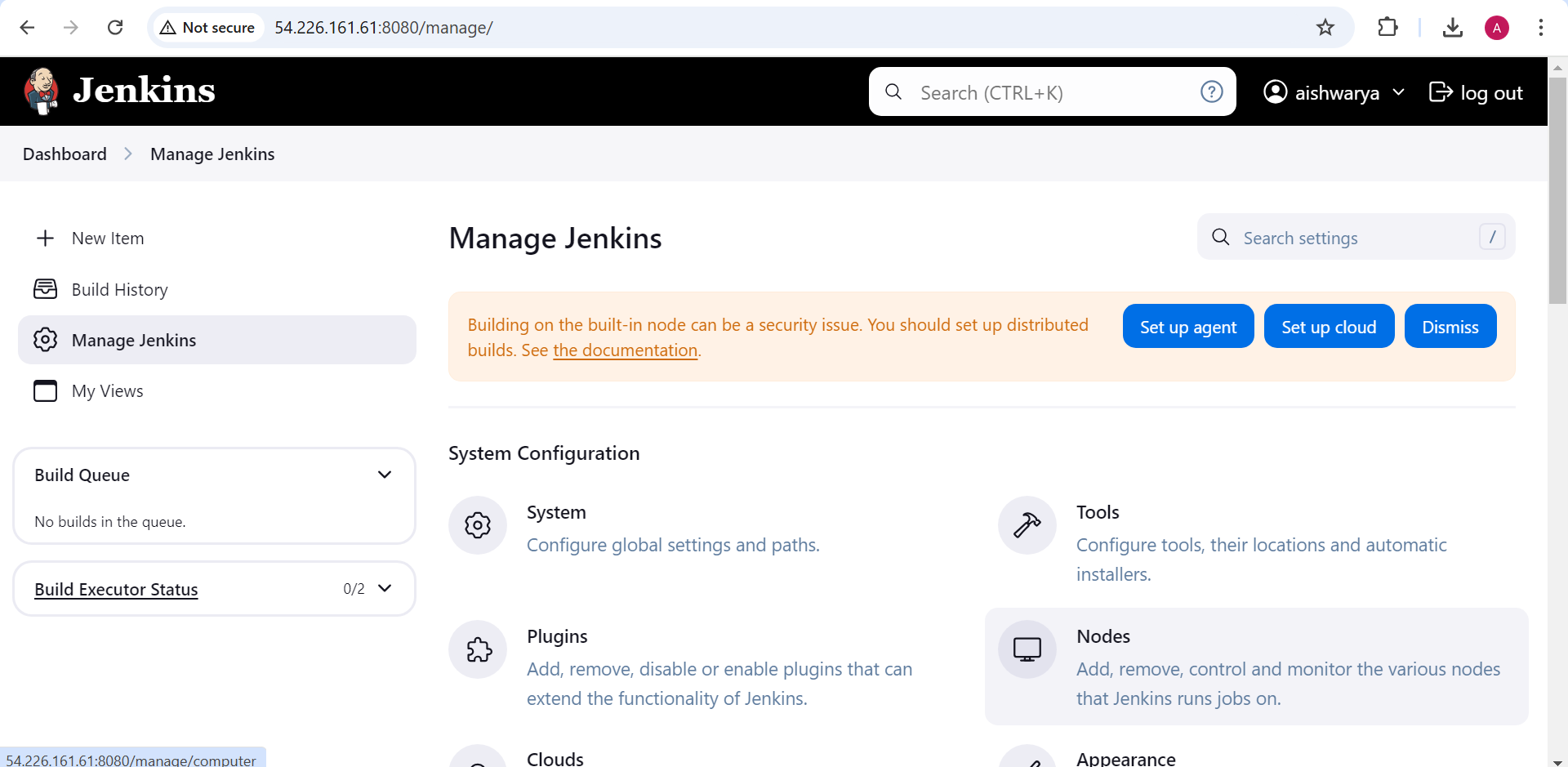
Create user



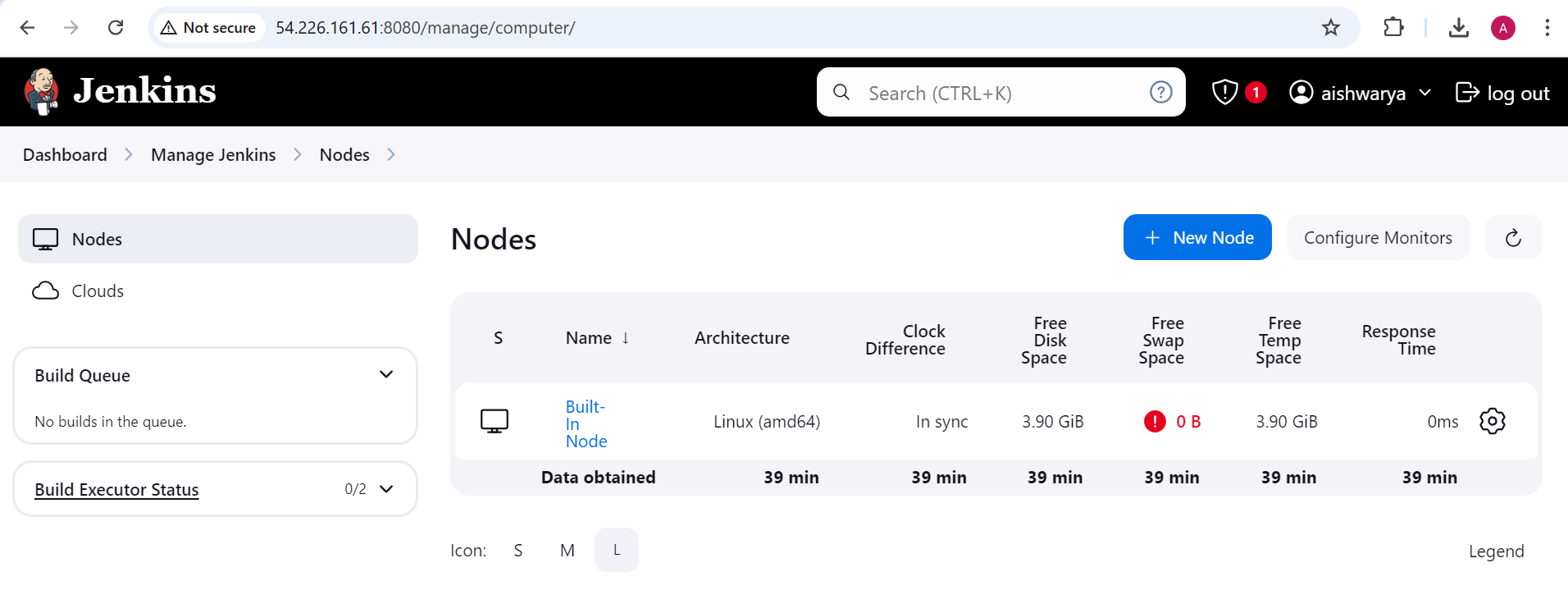


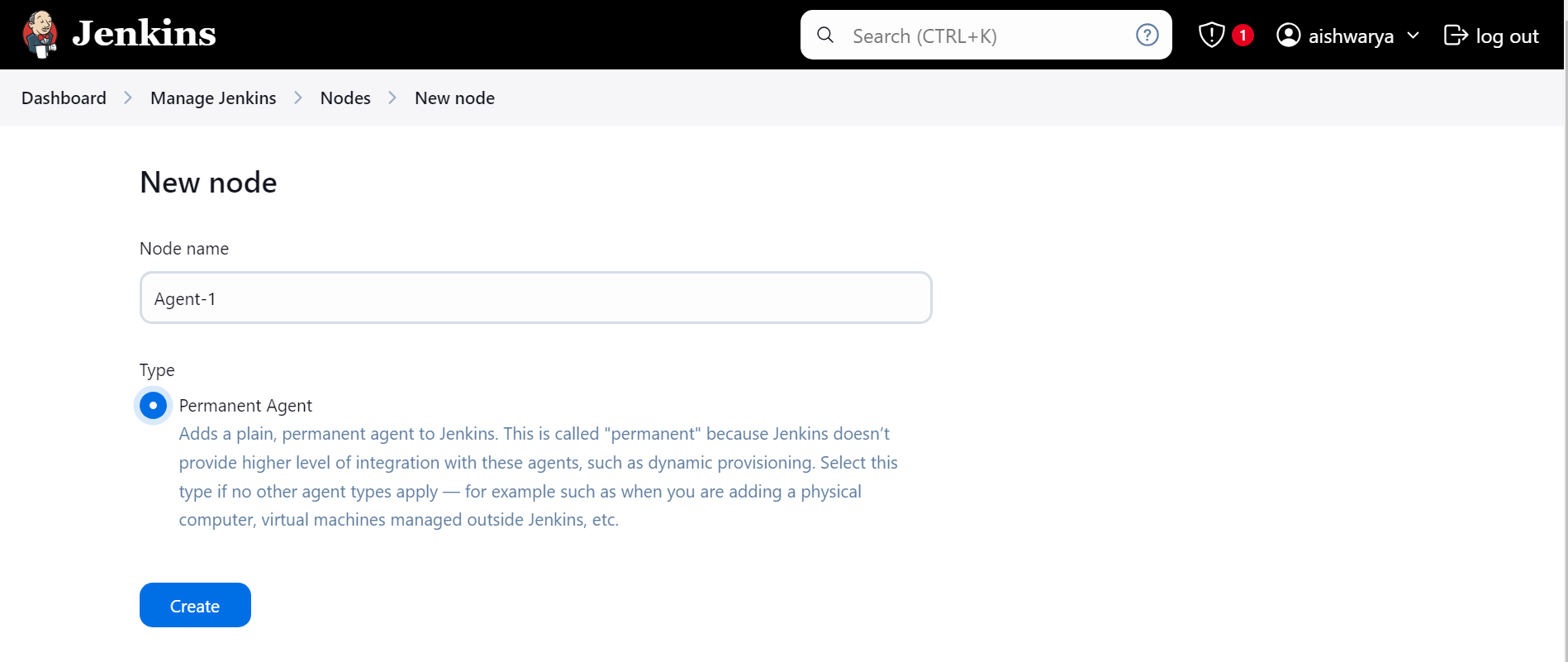


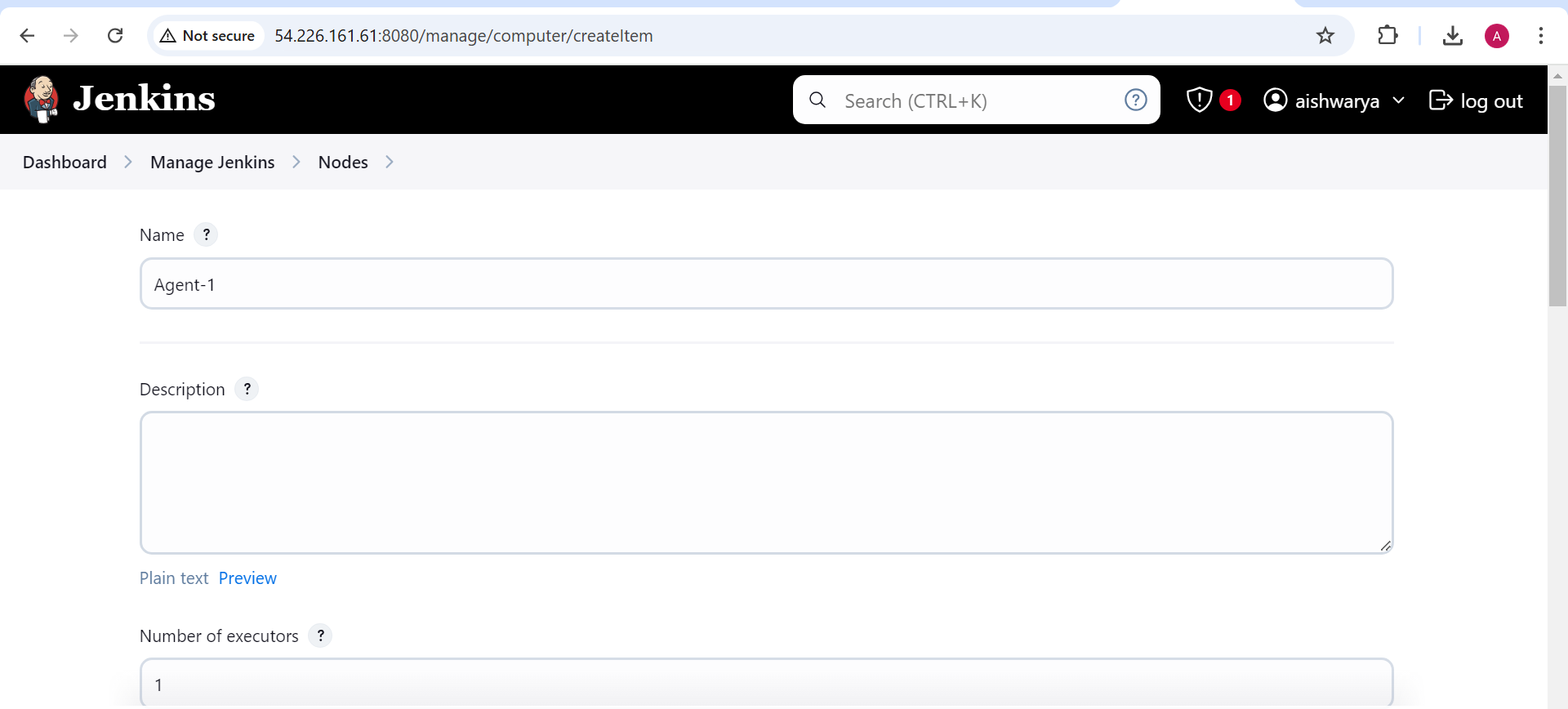




New node

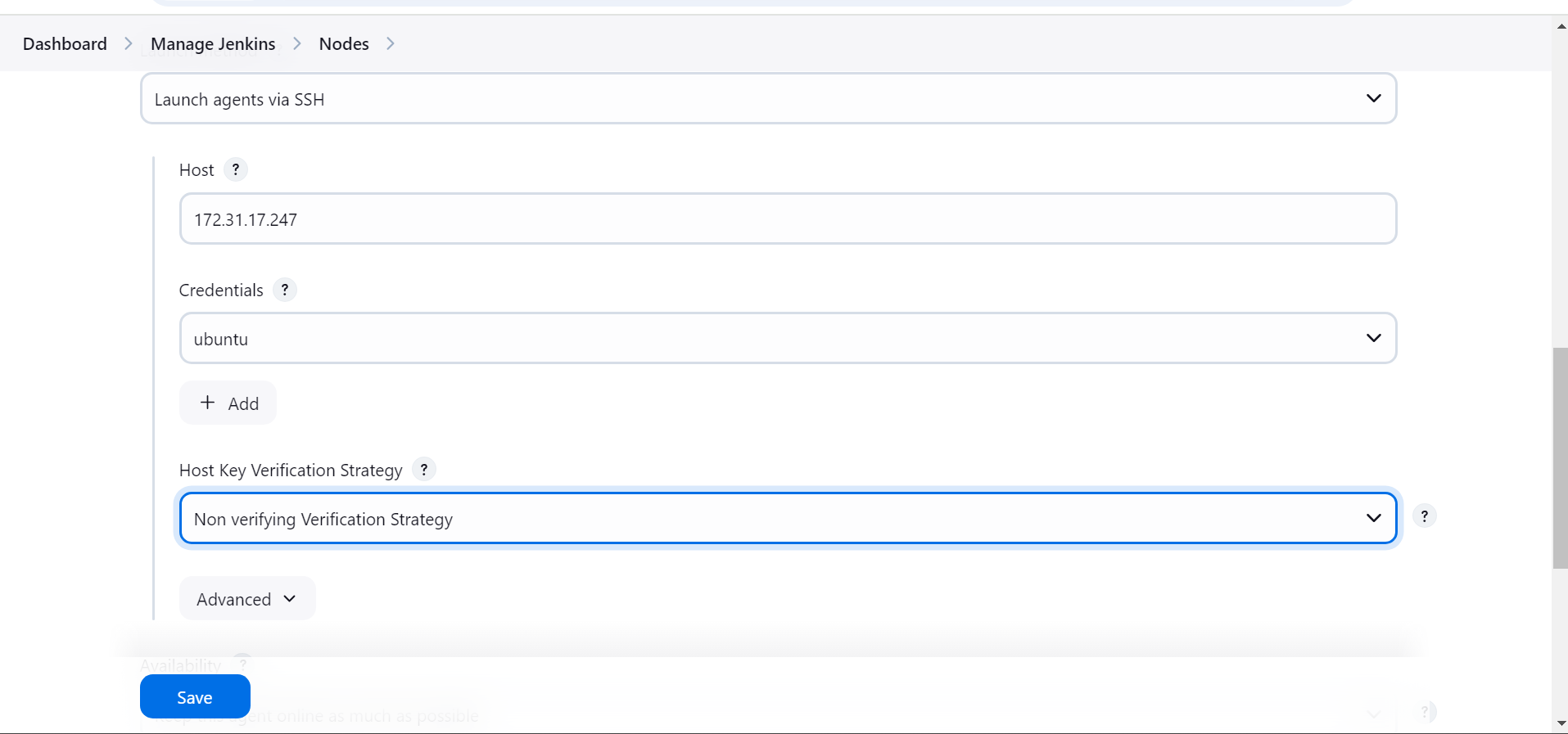








Give private ip of the slave

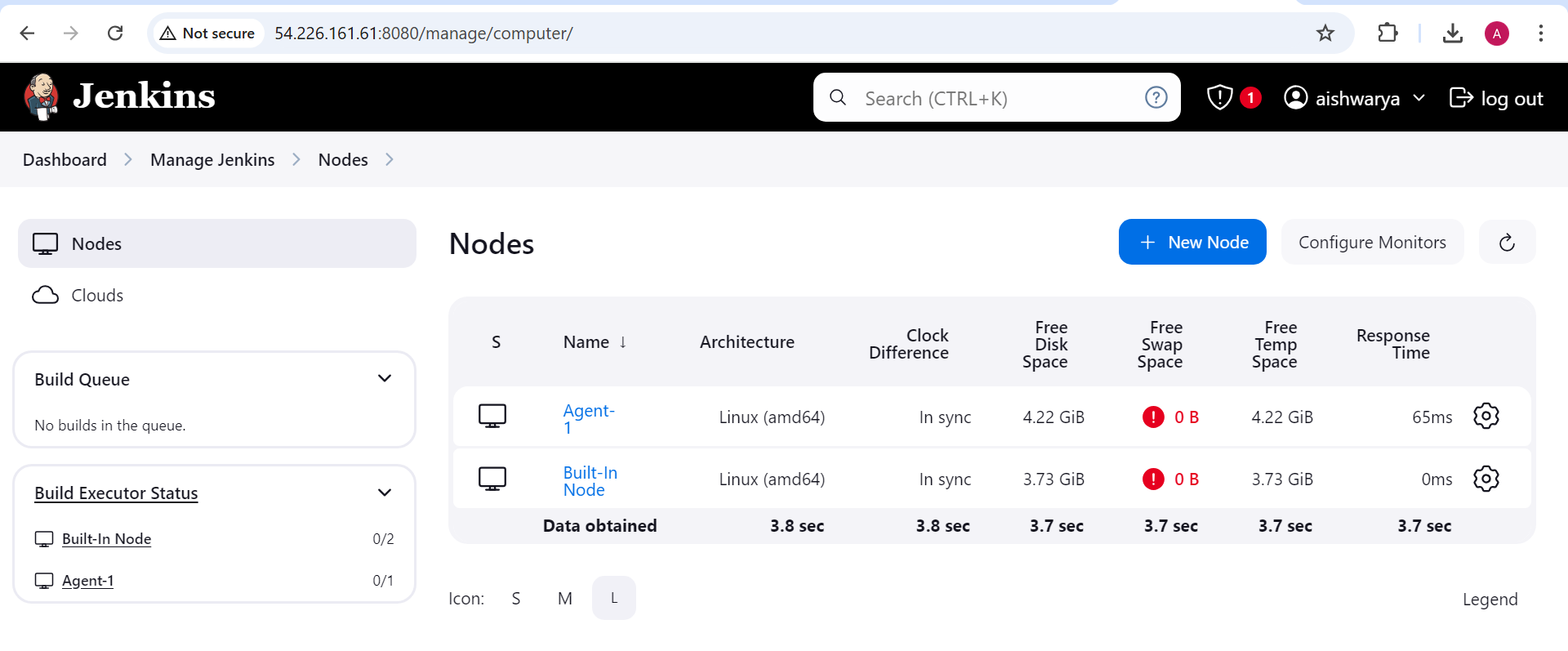
****

Create credentials

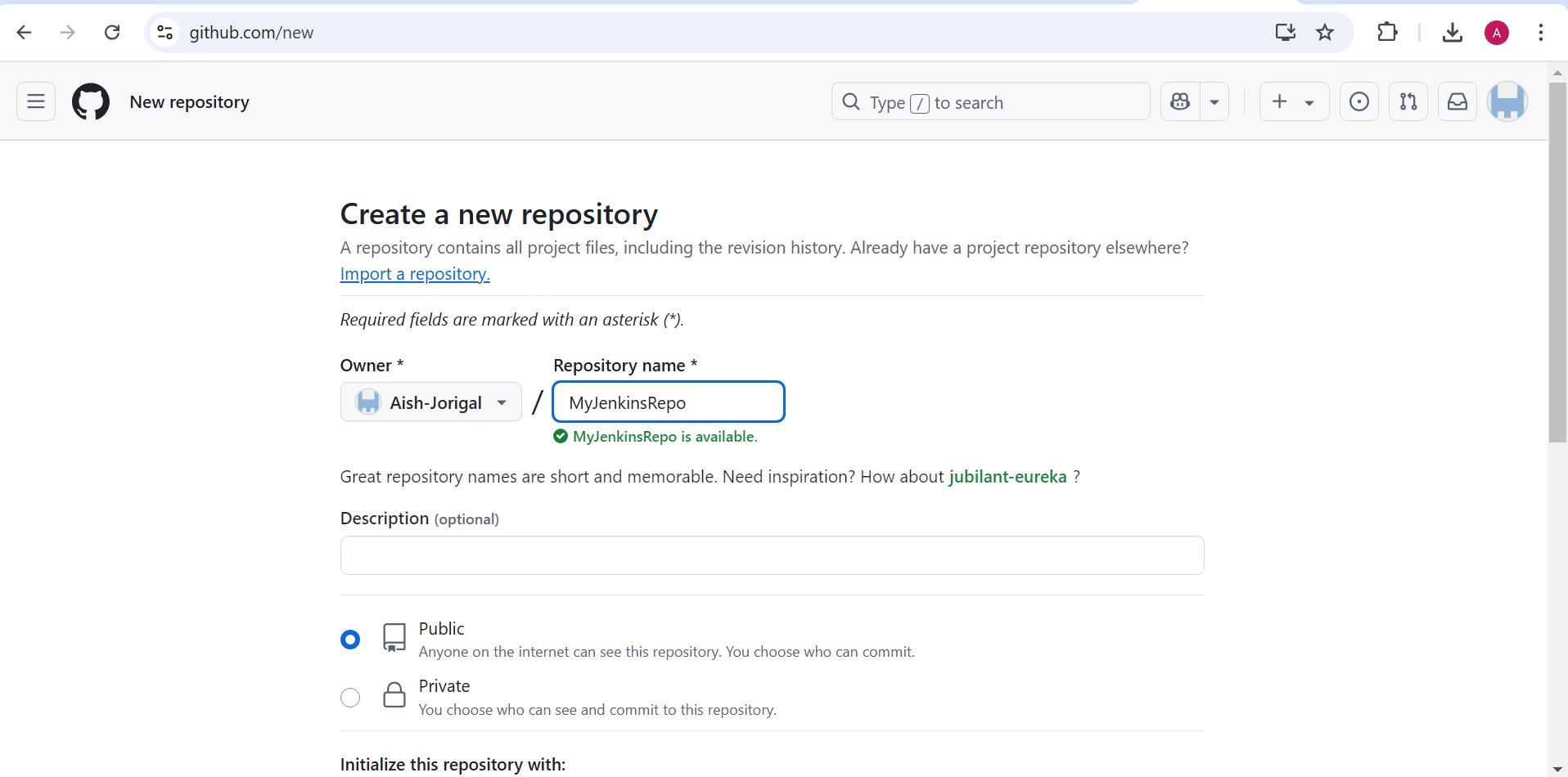


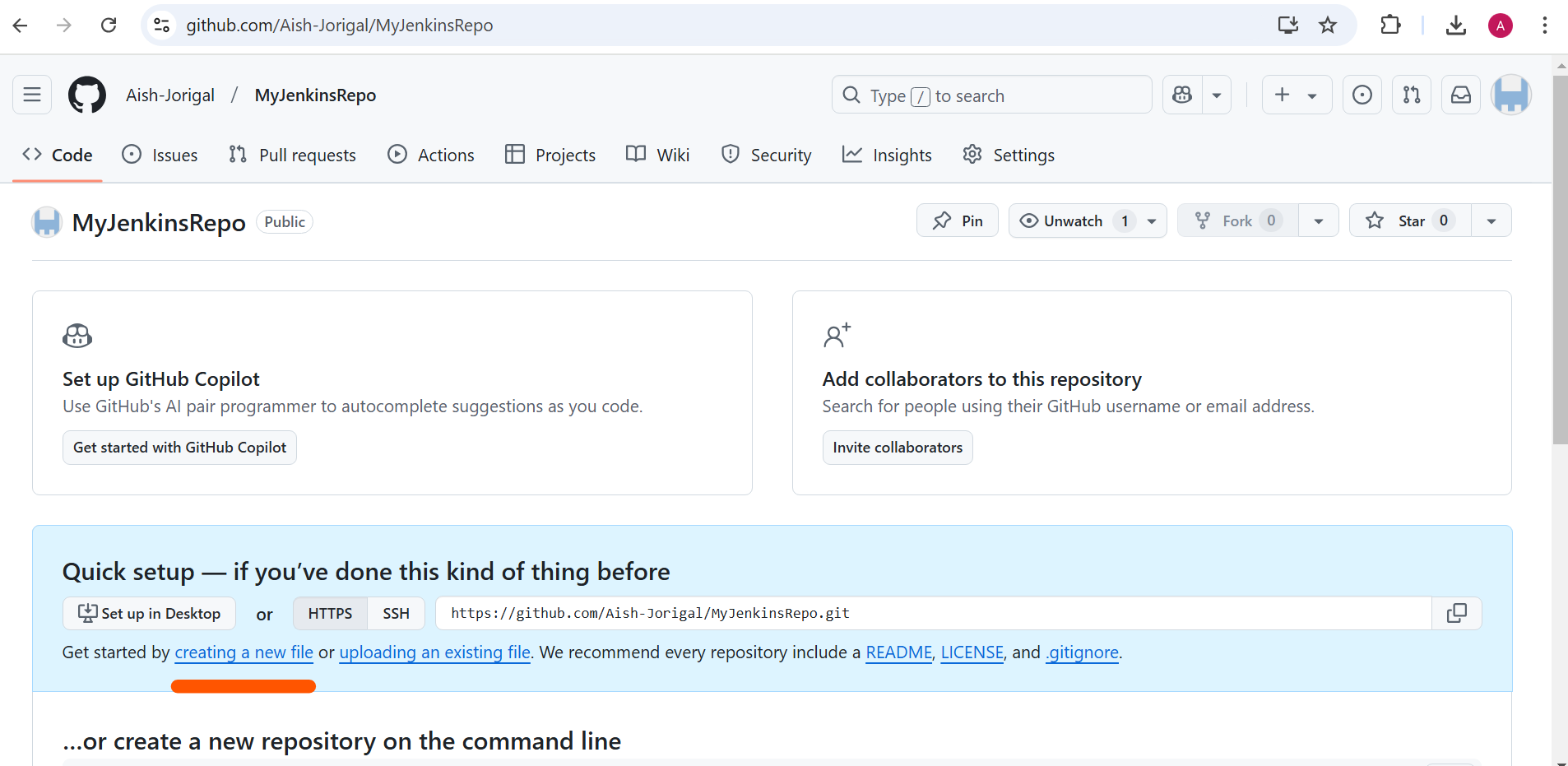


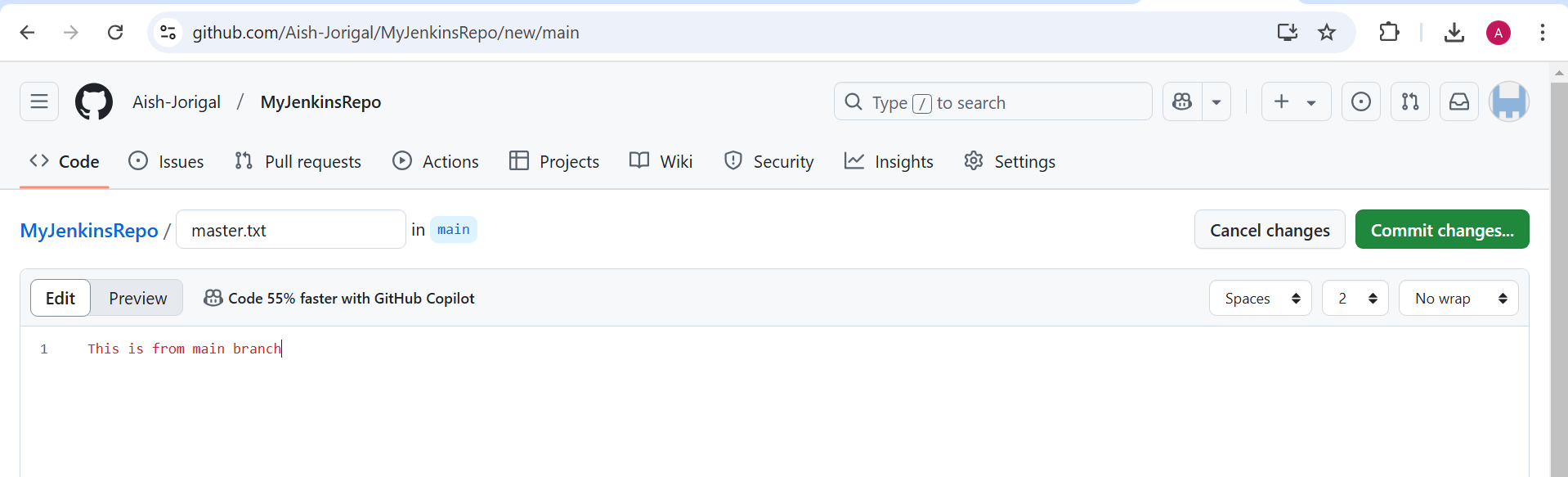
Now agent is up

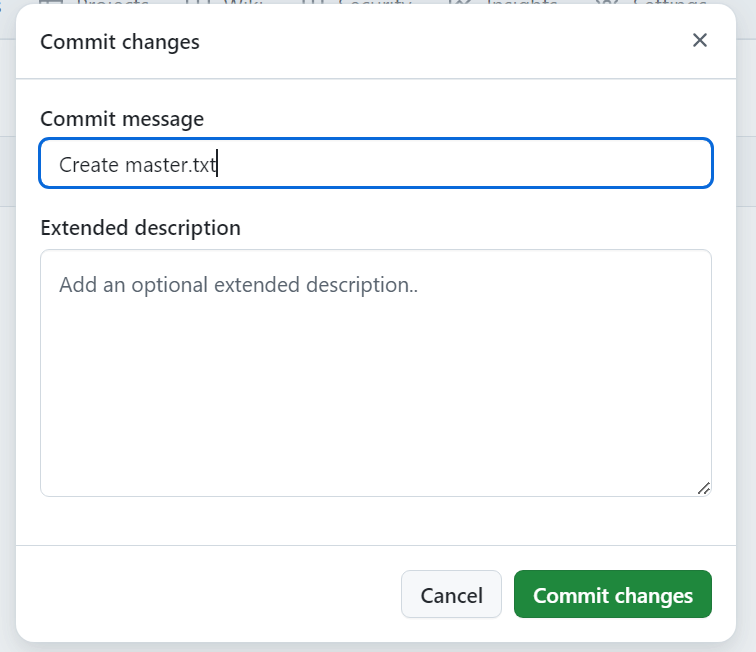


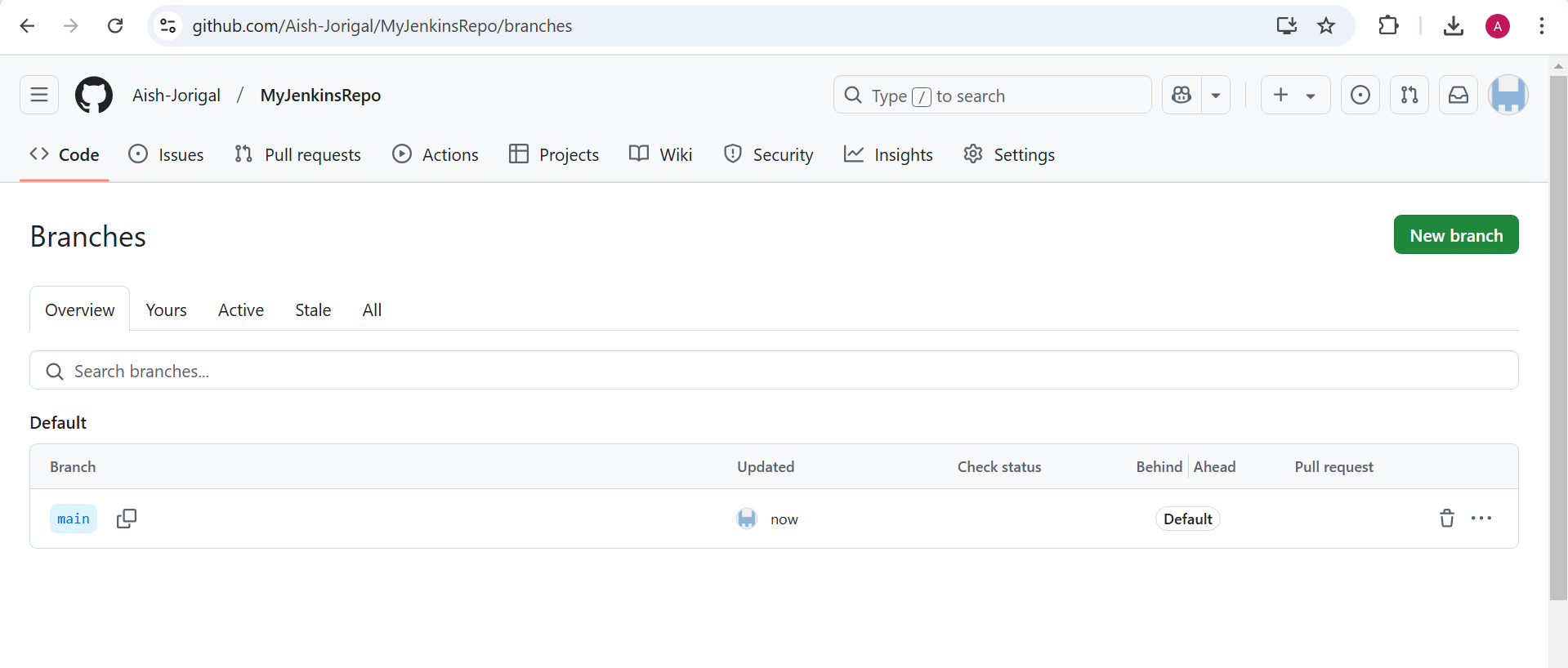
Go to the Github account and create the repo



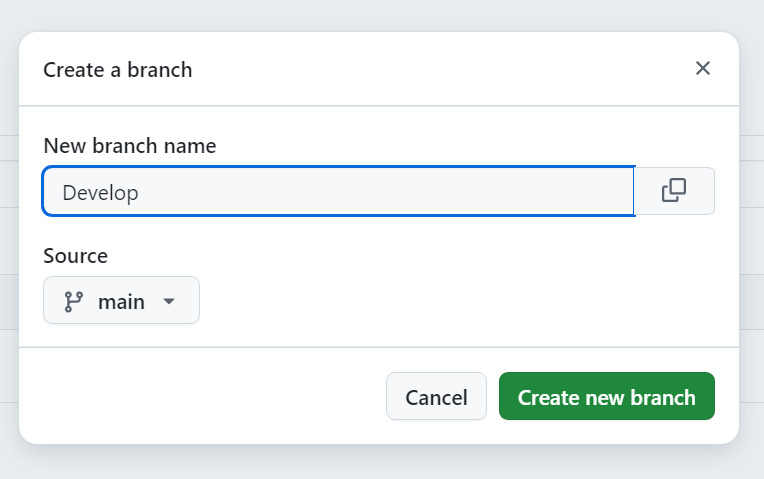


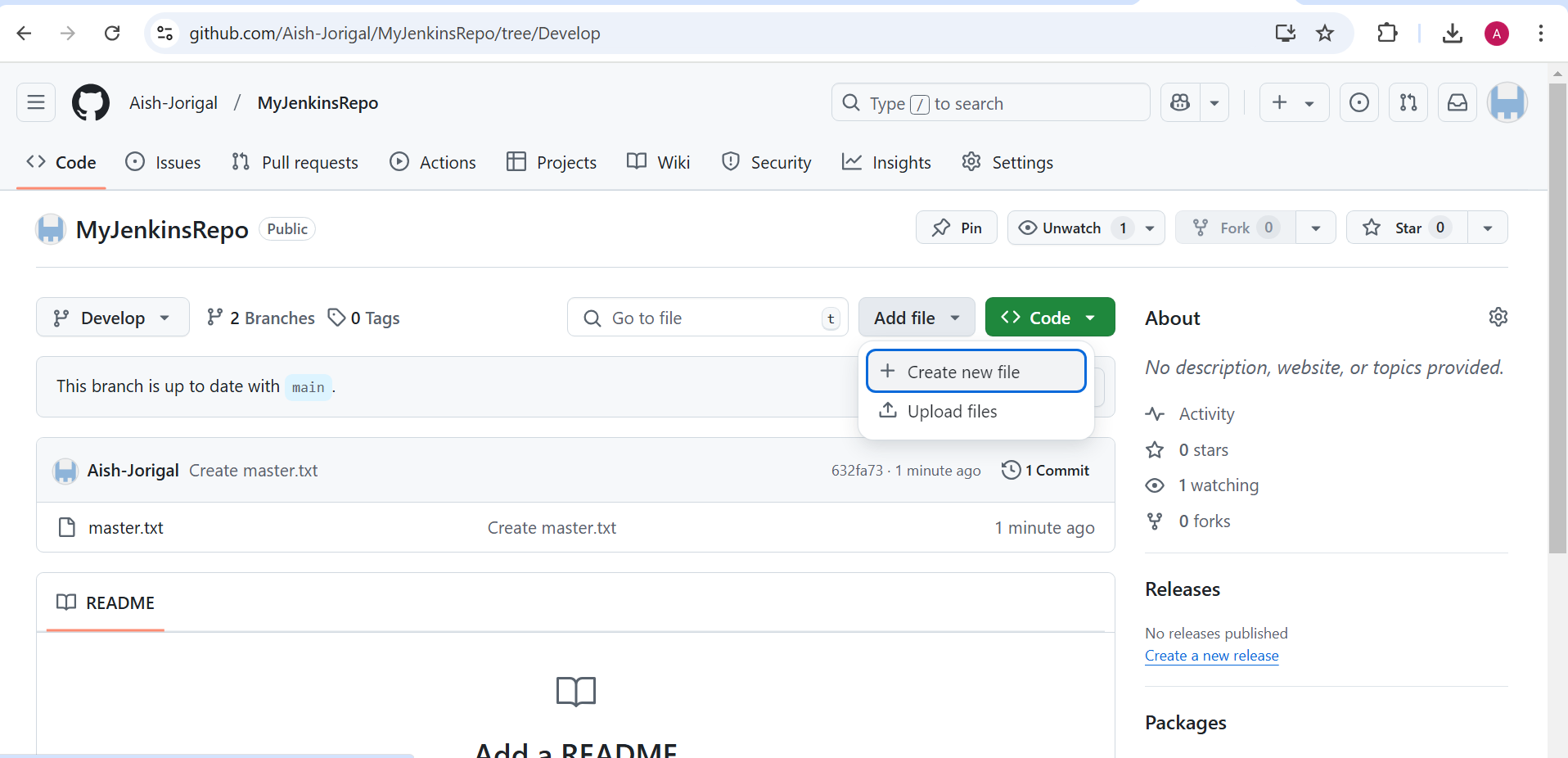


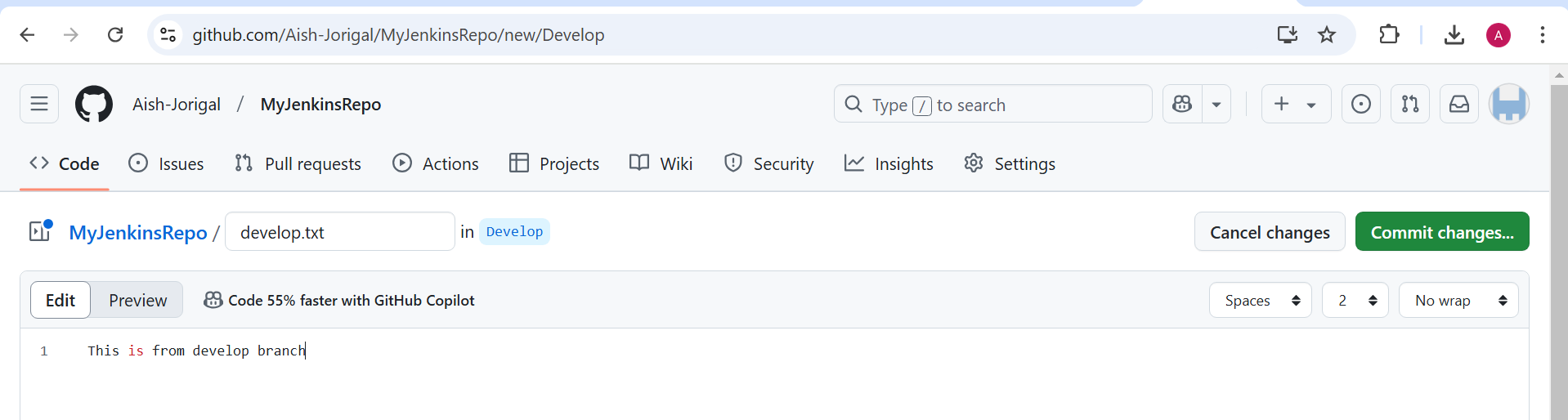


Create new branch 

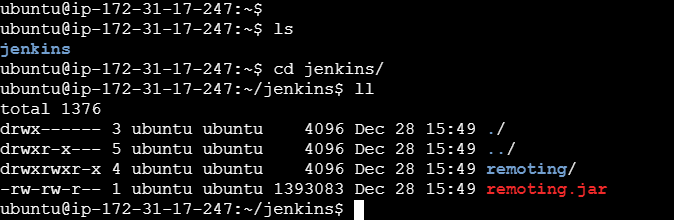
Create develop branch as per assignment



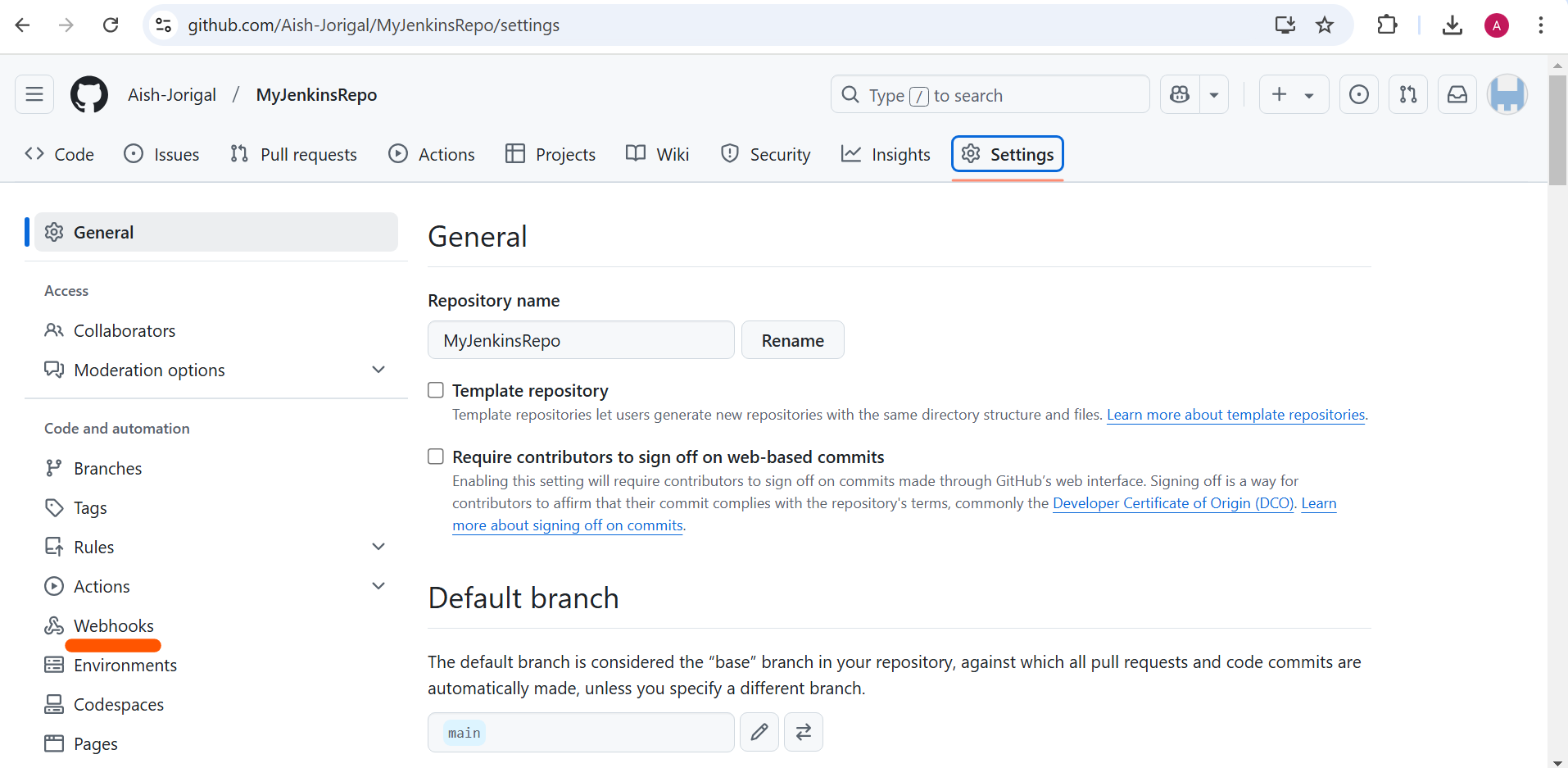
On Develop branch create new file 



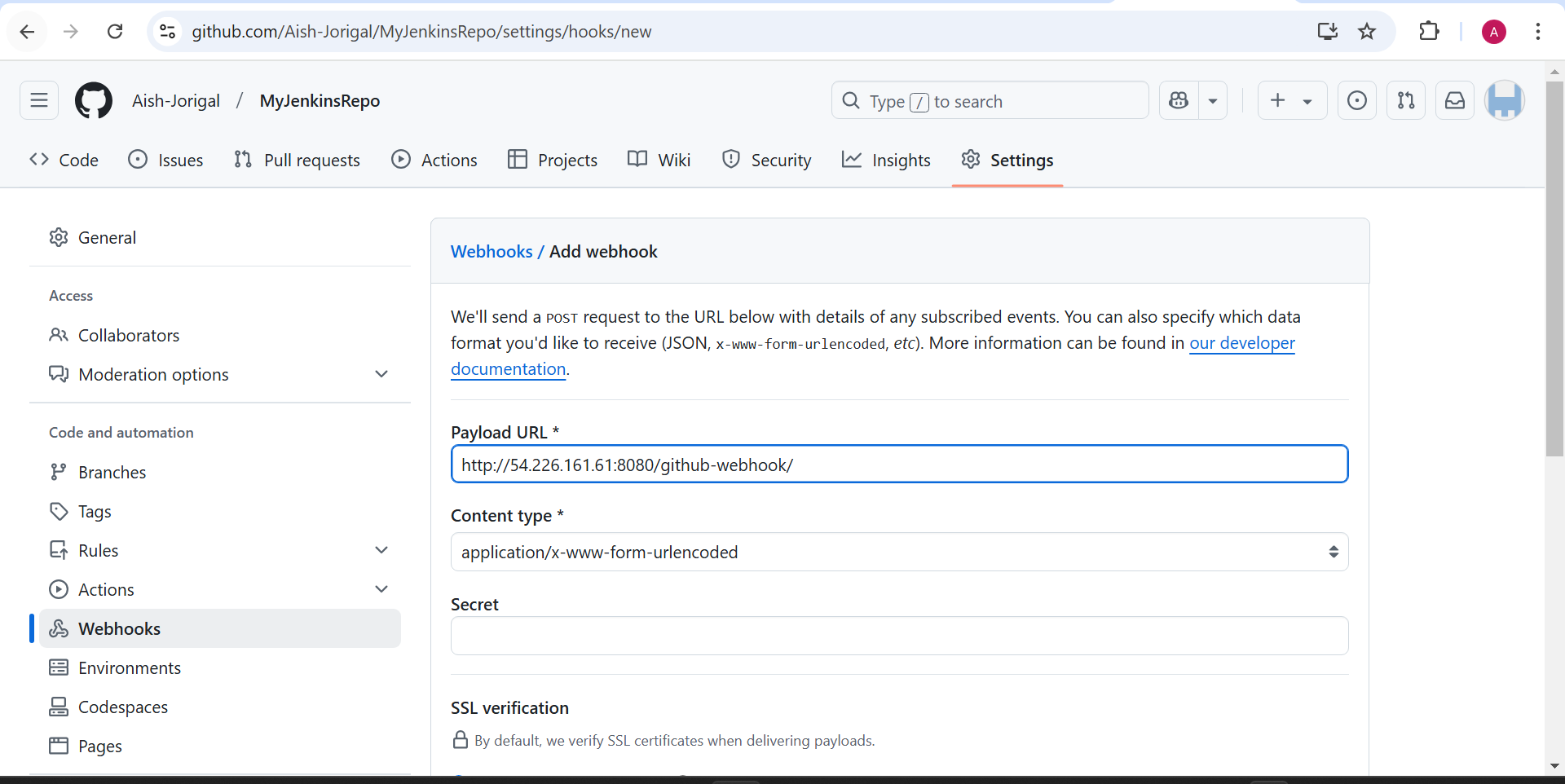
On slave node the jenkins folder is created when we put remote

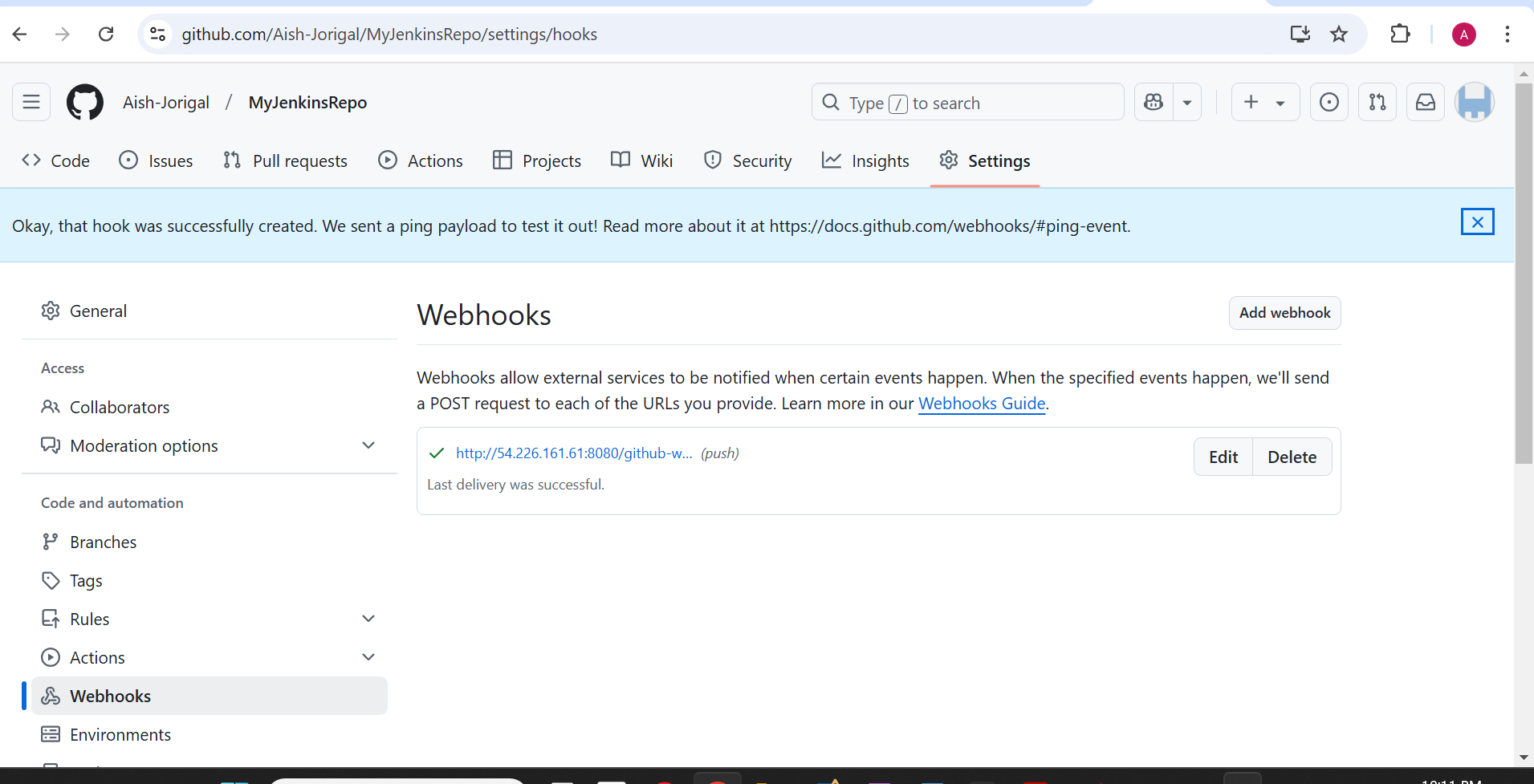


Create wehbo

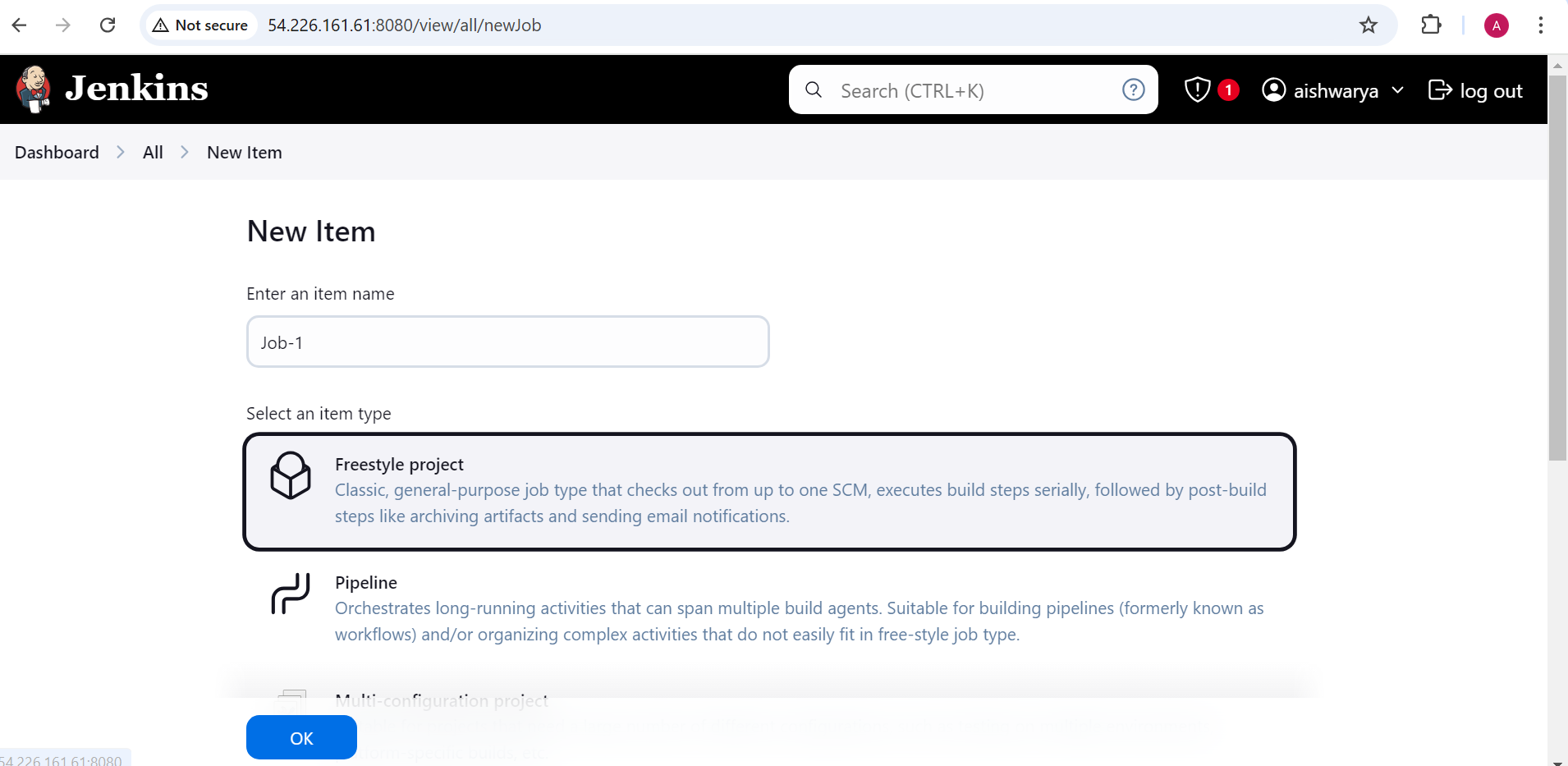


In payload give jenkins home address

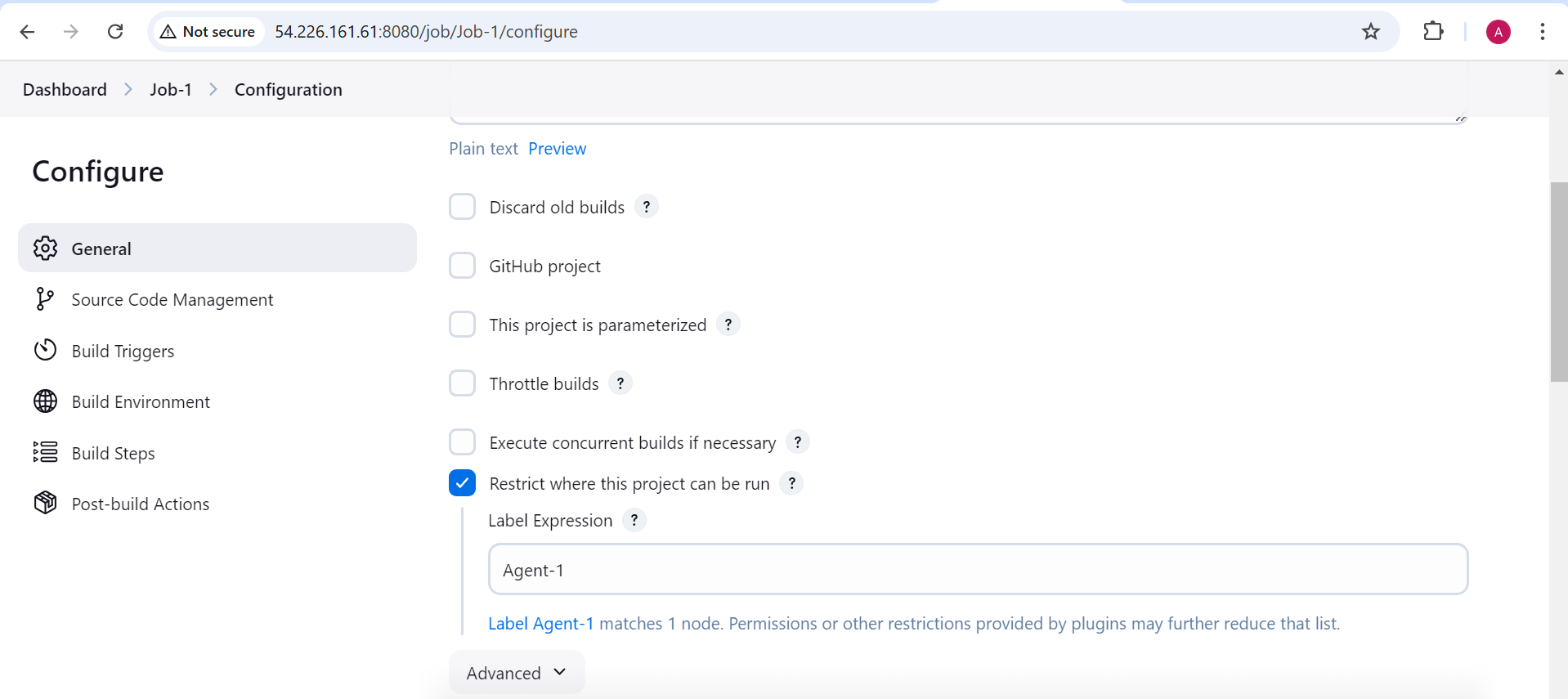


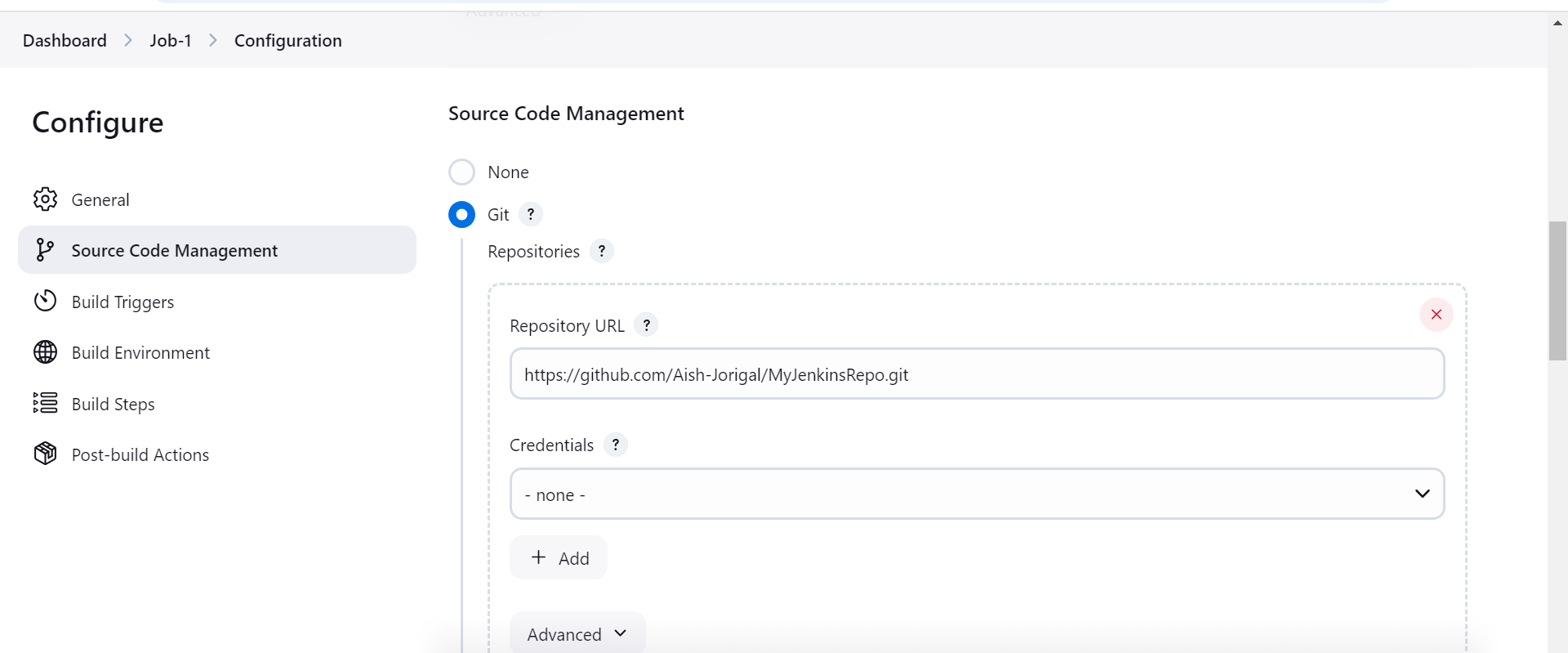


Now create job

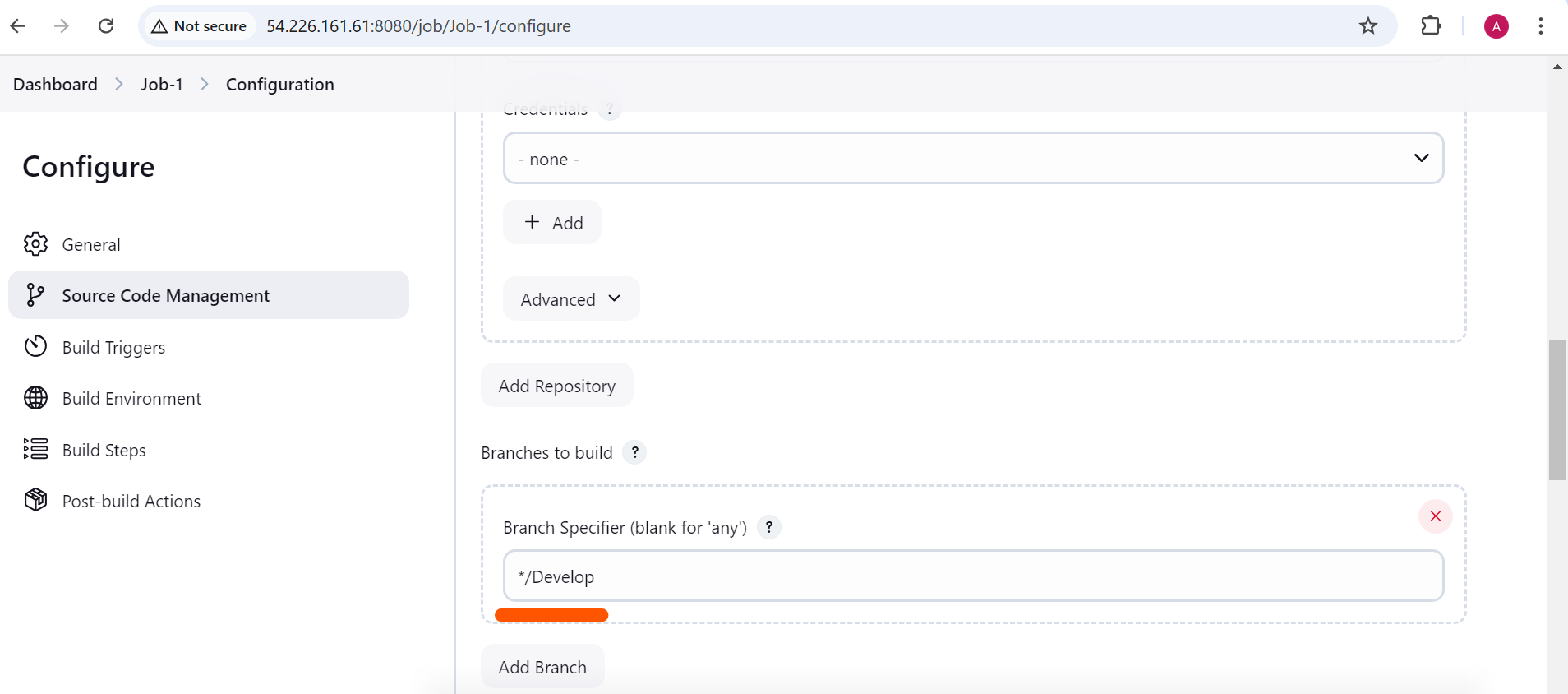


Restrict to work on Agent-1 machine

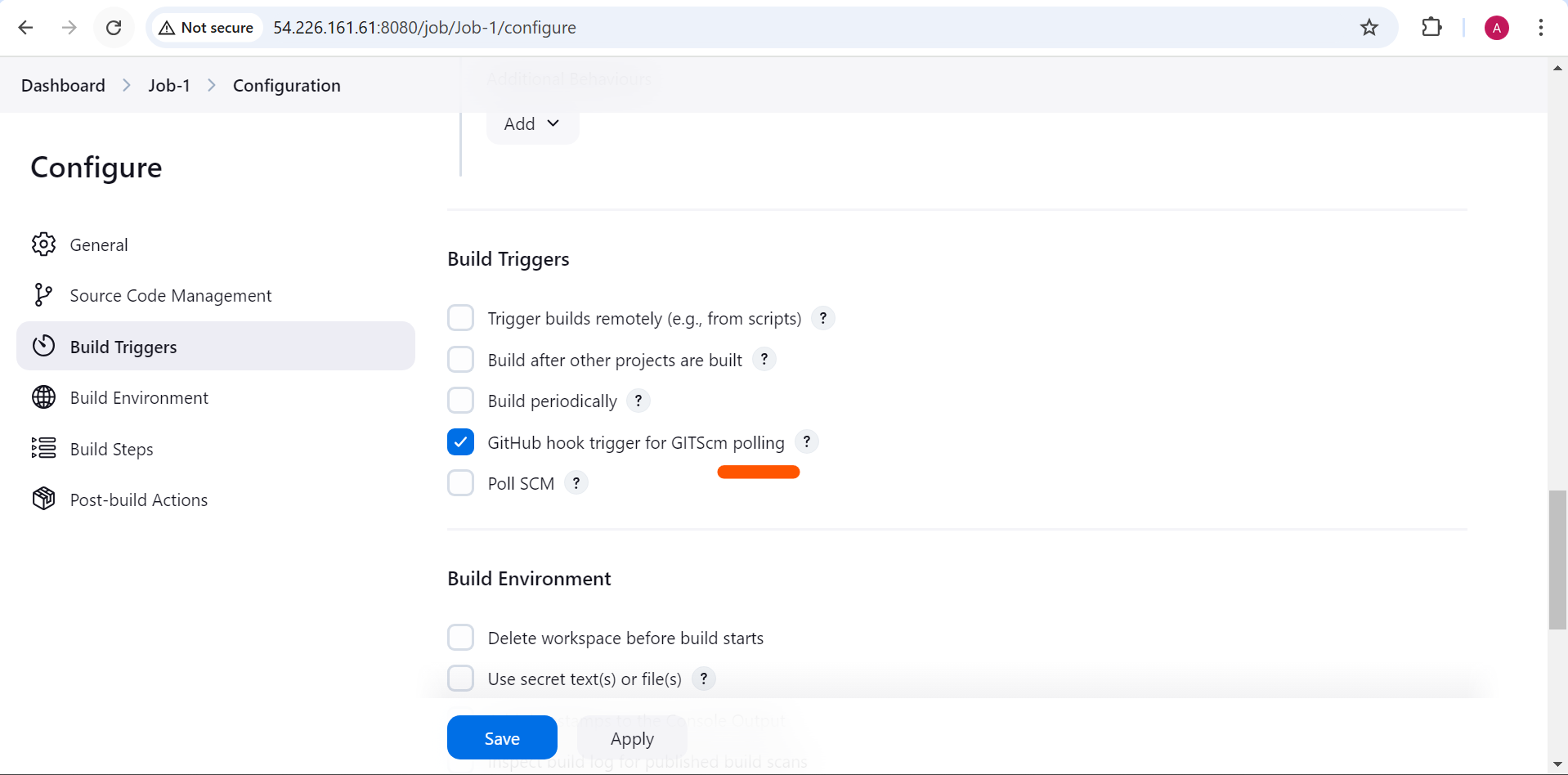




Specify the branch name

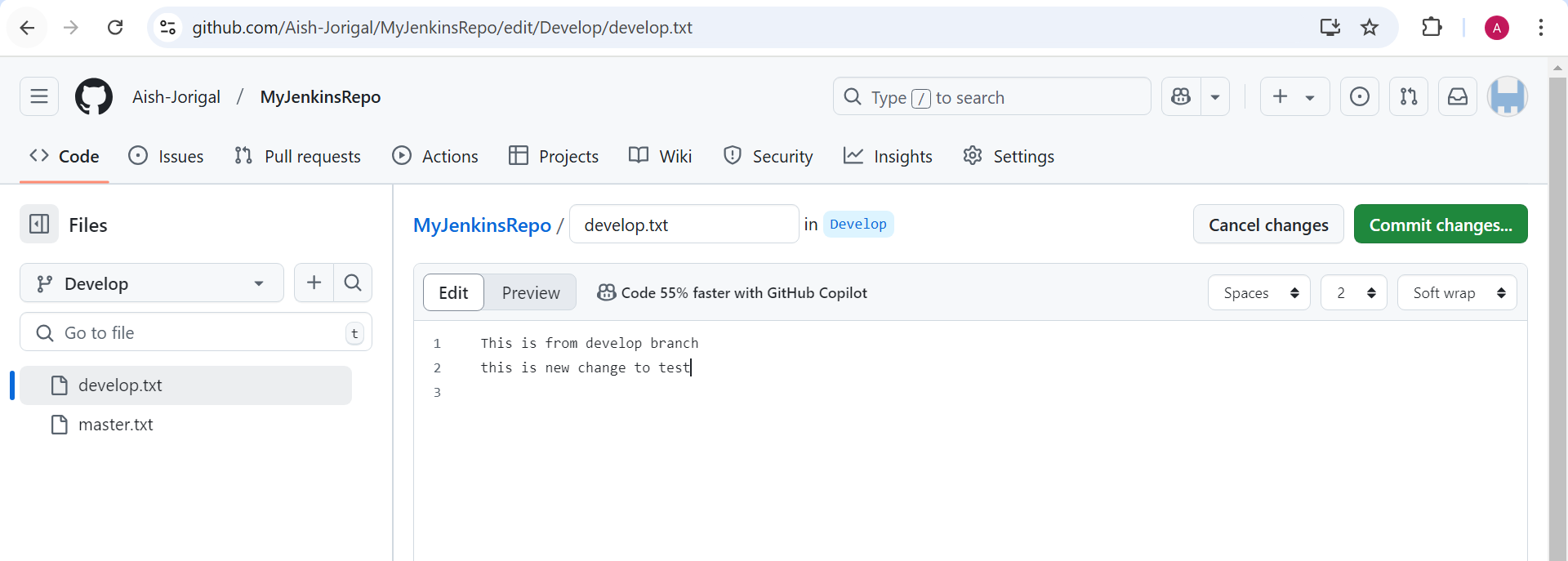


To trigger job when push was done on develop branch



To test it:

On develop branch



After committing the job is executing

