HI Good evening friends!  
Below we are going to install jenkins,git, maven on EC2 Instance by using python fabric script On the Terminal :  
##################################################  
Requirements to run the python-fabric scripts  
1. Install pip ==> sudo apt-get install python-pip  
2. Install fabric ==> sudo pip install fabric  
3. Install libssl-dev ==> sudo apt-get install libssl-dev  
4. Install boto ==> sudo pip install boto  
Now what are steps to setup jenkins,git,maven on ubuntu :  
1. Installing jenkins,git,maven  
2. Starting jenkins  
3. Restarting jenkins  
4. Disable Firewall  
##################################################  
Now the Key-pair of the instance downloaded to our Downloads directory  
do as the following  
1. copy the file to the location below  
cp /home/devops/Downloads/jenkins.pem ~/.ssh/jenkins.pem  
###############################################  
Now create a separate directory to create a fabfile.py  
mkdir -p /home/devops/jenkins  
cd /home/devops/jenkins  
Now writing a script to install jenkins,git,maven on Ec2 Instance  
<<<<<<<<<<<<<<<<<-------------------------->>>>>>>>>>>>>>>>  
vi fabfile.py  
import boto  
from fabric.api import \*  
env.hosts = ['EC2 instance jenkins public IP']  
env.user = 'ubuntu'  
env.key\_filename = ['~/.ssh/jenkins.pem']  
def add\_key():  
sudo("wget -q -O - [https://pkg.jenkins.io/debian/jenkins-ci.org.key](https://l.facebook.com/l.php?u=https%3A%2F%2Fpkg.jenkins.io%2Fdebian%2Fjenkins-ci.org.key&h=ATPC7pMSjZwpXVFuxlOuB4UKFQtyfLvbK8gtQ0sMWMaNKxvTv9LAEF227oJ3ToOW7Z_WwE0mvHWSt5Ty5fYD_IiQOMm7YWEokmzDUz-YgOMPPPZerlBVV_ZbBPC6SS2rv5JuokDp4iB851w&enc=AZOHWOfj_FzBB6TN9YmO02f1lpKs0iP0rSnTaEI98YCJbKxfKKH4Np7NWWrmTqR9lZRskW2B69efW7aehnyztH8KESlDiqgqaP8I7ncijQQl9p-A82cono3xvltrXRwLGDy1VCCaTu4QDqHbWBIsGsonFWD_AE-NMu9qA4uuZkGcbQ&s=1) | sudo apt-key add -")  
def add\_rep():  
sudo("sudo sh -c 'echo deb [http://pkg.jenkins.io/debian-stable](https://l.facebook.com/l.php?u=http%3A%2F%2Fpkg.jenkins.io%2Fdebian-stable&h=ATNhgOgo7DUZdETLCz5B8LJV0J4SSINDv1Zf7g6MhaGFbhfMe4YQwFLb3v0S-gYvhI2ScfaMs7dZwkSQwA0XYT-76retv4QKKS1i2etfgIEjZcSNNkkWf0DwaeDJy5fKZAlgjzHYGPtlONA&enc=AZNPkBIl_IZOFocALwBlGrpK5_Drsi35c2TB44FiLDiNZ4W4MOLENX45ZZCZIg4eZtj_ES58qFptCJrvCeWarY7Jephwd4qa8IJLlg1aSqpVjjxXOU1MhC5tqEgj5erTiIxxpwdpxna_JqfSoqbJSrnz89eGR-1M7Xqmx8cGy2D95Q&s=1) binary/> /etc/apt/sources.list.d/jenkins.list'")  
def aptget\_update():  
sudo("sudo apt-get update")  
def jenkins\_git\_maven\_install():  
sudo("sudo apt-get install jenkins -y")  
sudo("sudo apt-get install git -y")  
sudo("sudo apt-get install maven -y")  
def jenkins\_start():  
sudo("sudo systemctl start jenkins")  
def jenkins\_git\_maven\_status():  
sudo("sudo service jenkins status")  
def jenkins\_restart():  
sudo("sudo service jenkins restart")  
def jenkins\_firewall():  
sudo("service ufw stop")

def jenkins\_git\_maven\_setup():  
add\_key()  
add\_rep()  
aptget\_update()  
jenkins\_git\_maven\_install()  
jenkins\_start()  
jenkins\_git\_maven\_status()  
jenkins\_firewall()  
###############################################  
save & Quit the file  
Now in the same pwd i,e.  
@   
/home/devops/jenkins  
$fab jenkins\_git\_maven\_setup  
Then script will be executed.  
After the successful execution of the script   
==> jenkins is installed  
==> goto the browser and enter the jenkins instance ip/8080   
==> jenkins page will displayed on browser and we need to enter admin password for that  
we need to login on EC2 instance by using your key.  
==> chmod 700 jenkins.pem  
==> ssh -i jenkins.pem ubuntu@ipaddress  
==> goto sudo cat /var/lib/jenkins/secretkey  
==> copy the secretkey and paste in jenkins web browser

Now Your Logged into Jenkins CI server