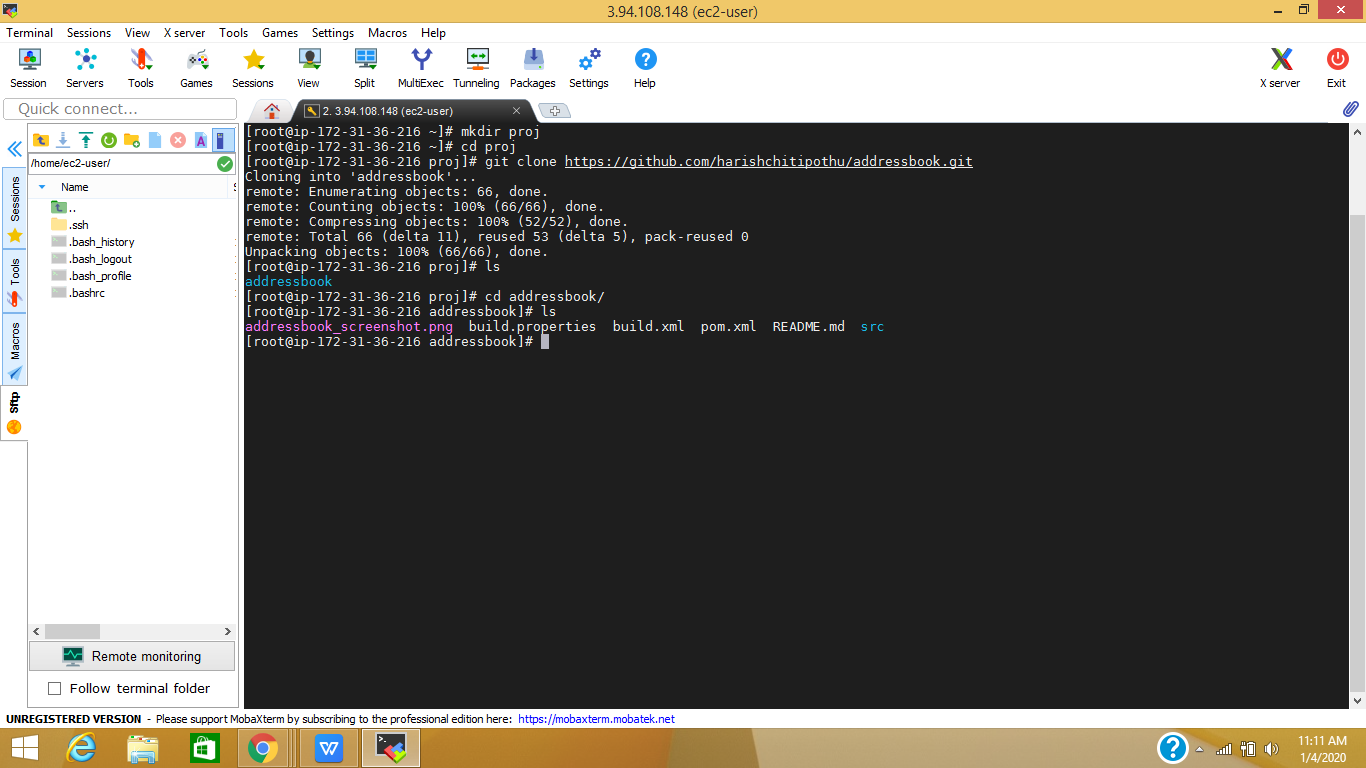
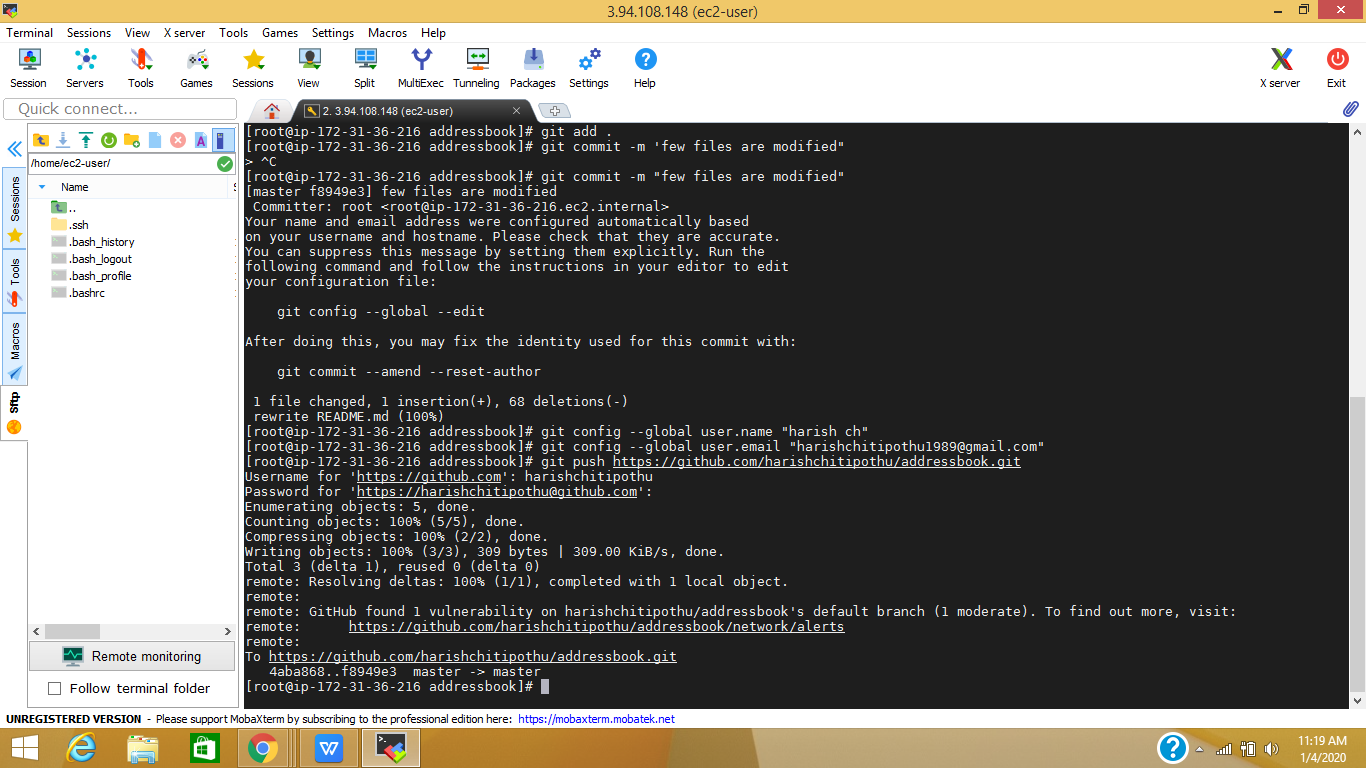
Created Ec2 instance

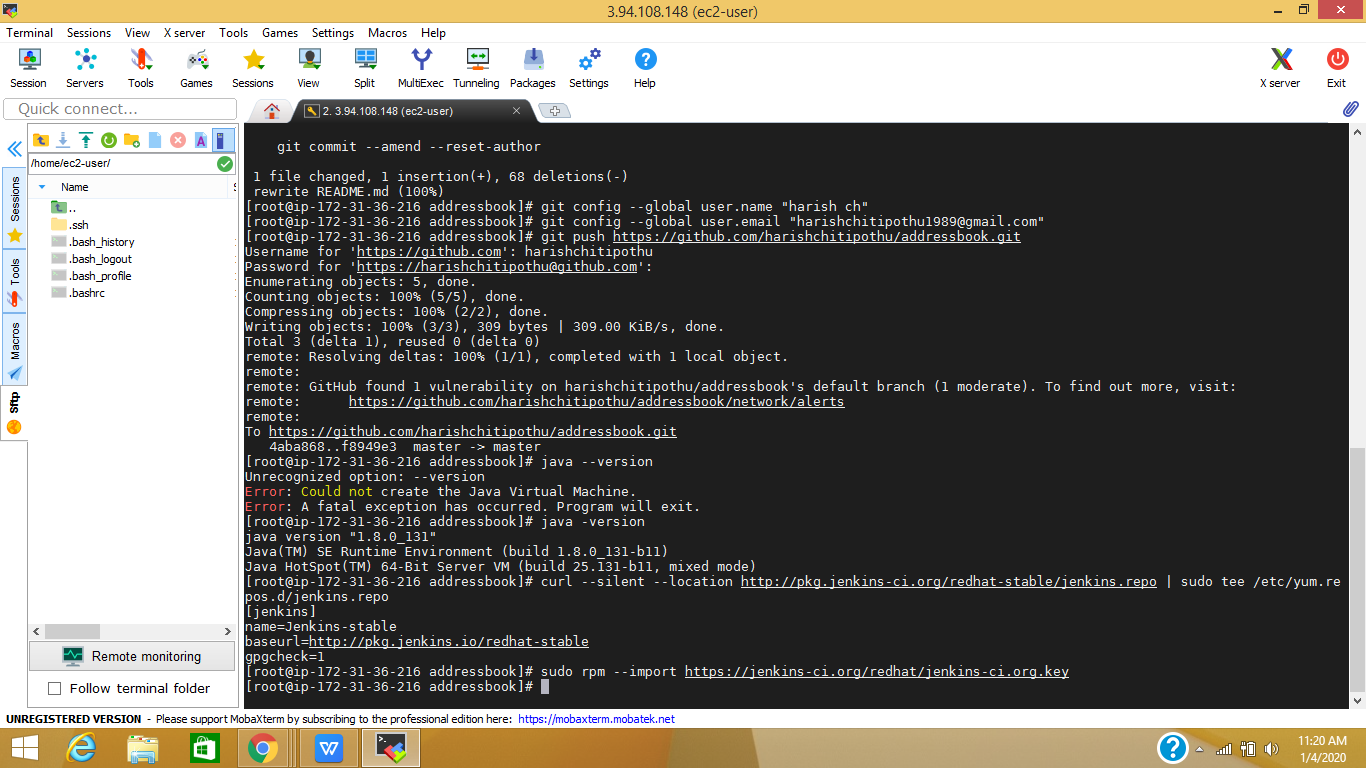
Clone the git hub repository and work with web application

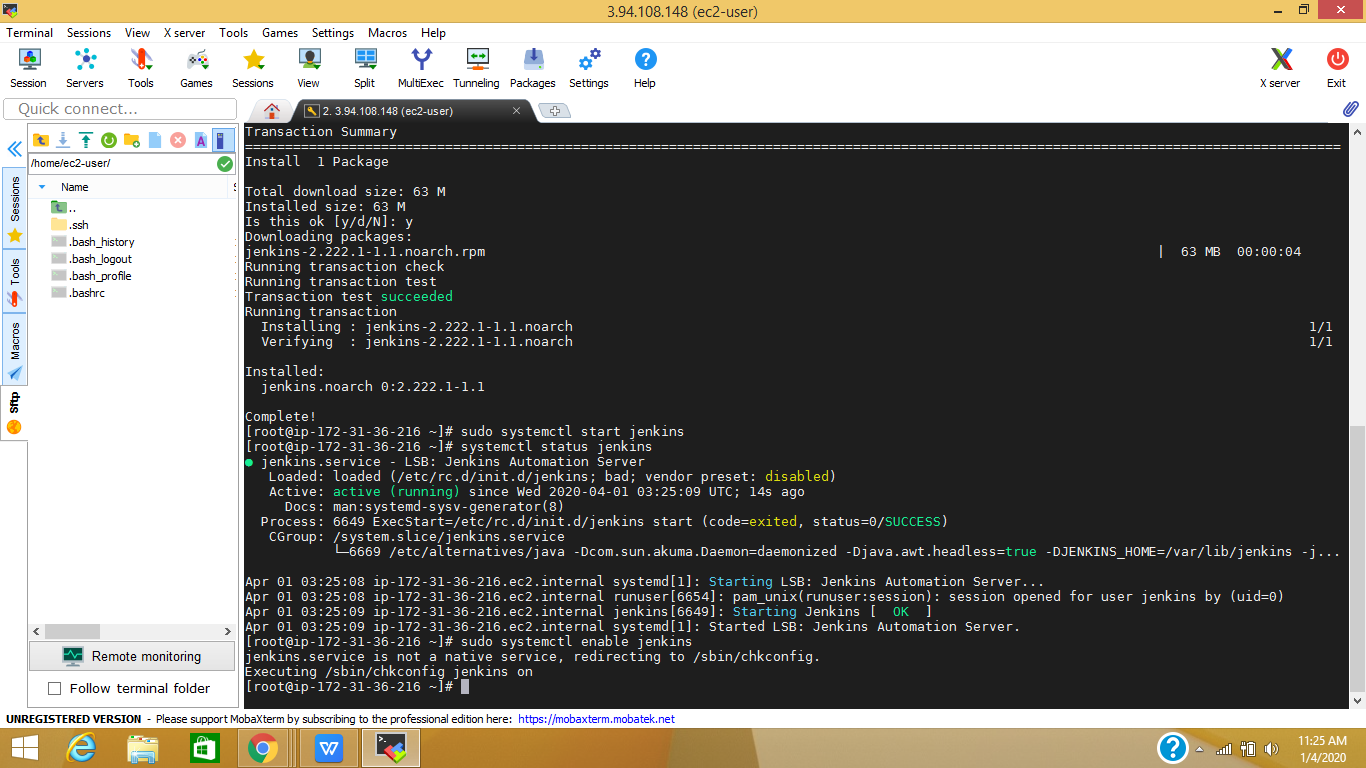


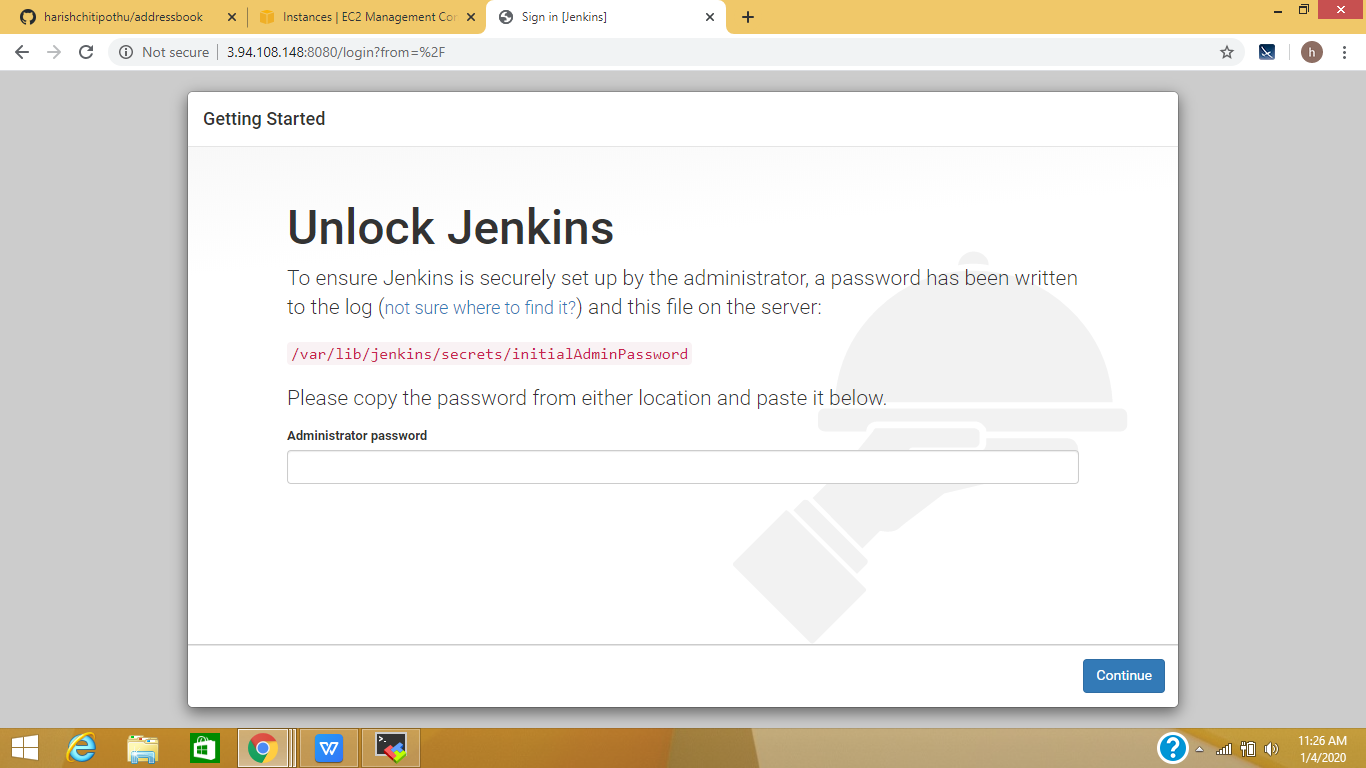
Adding global configurations

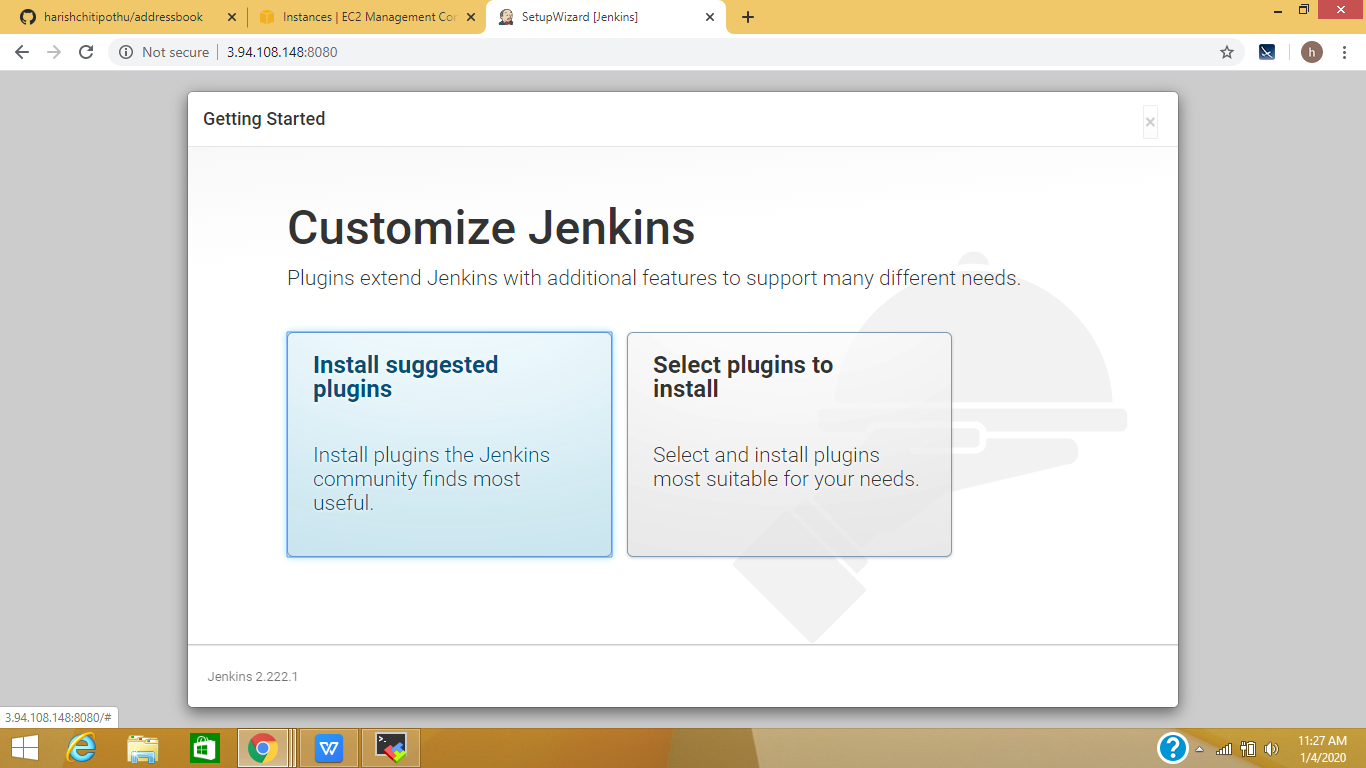


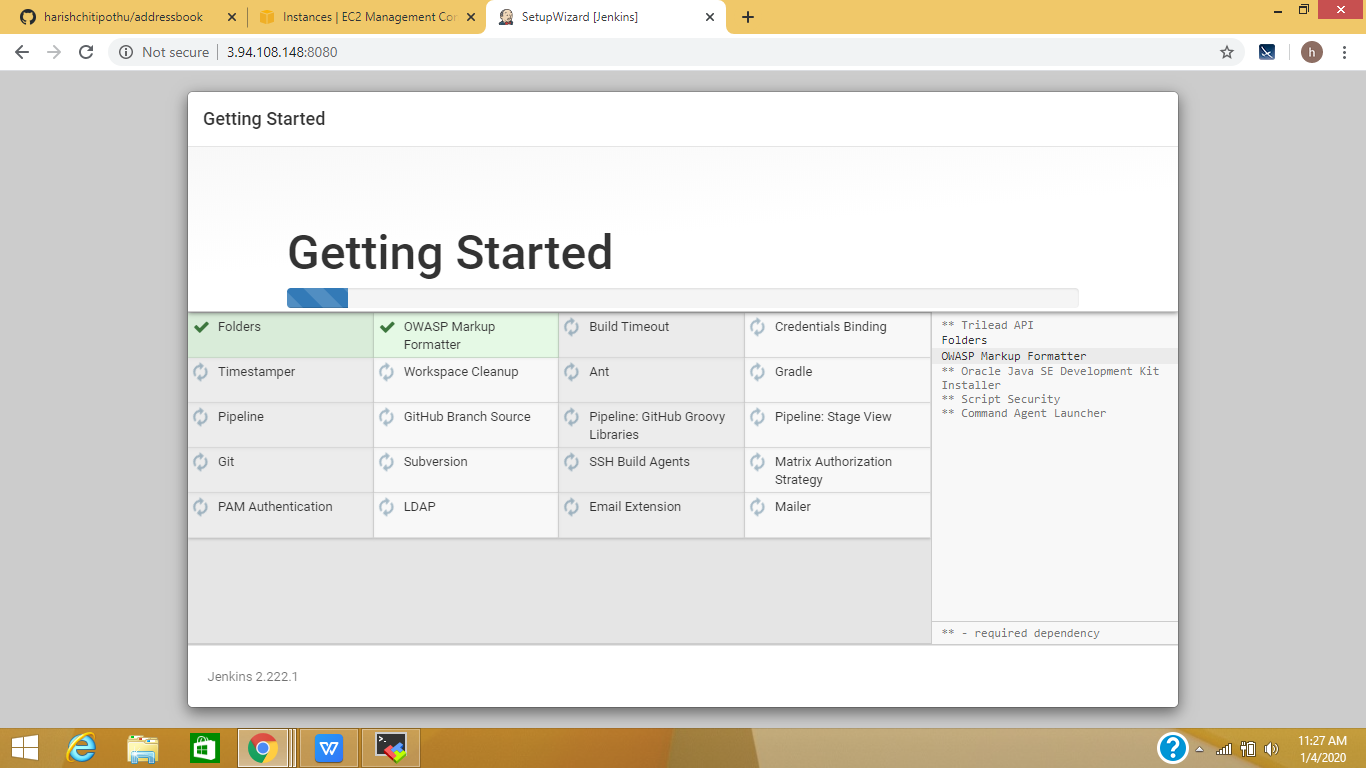
Installing Jenkins

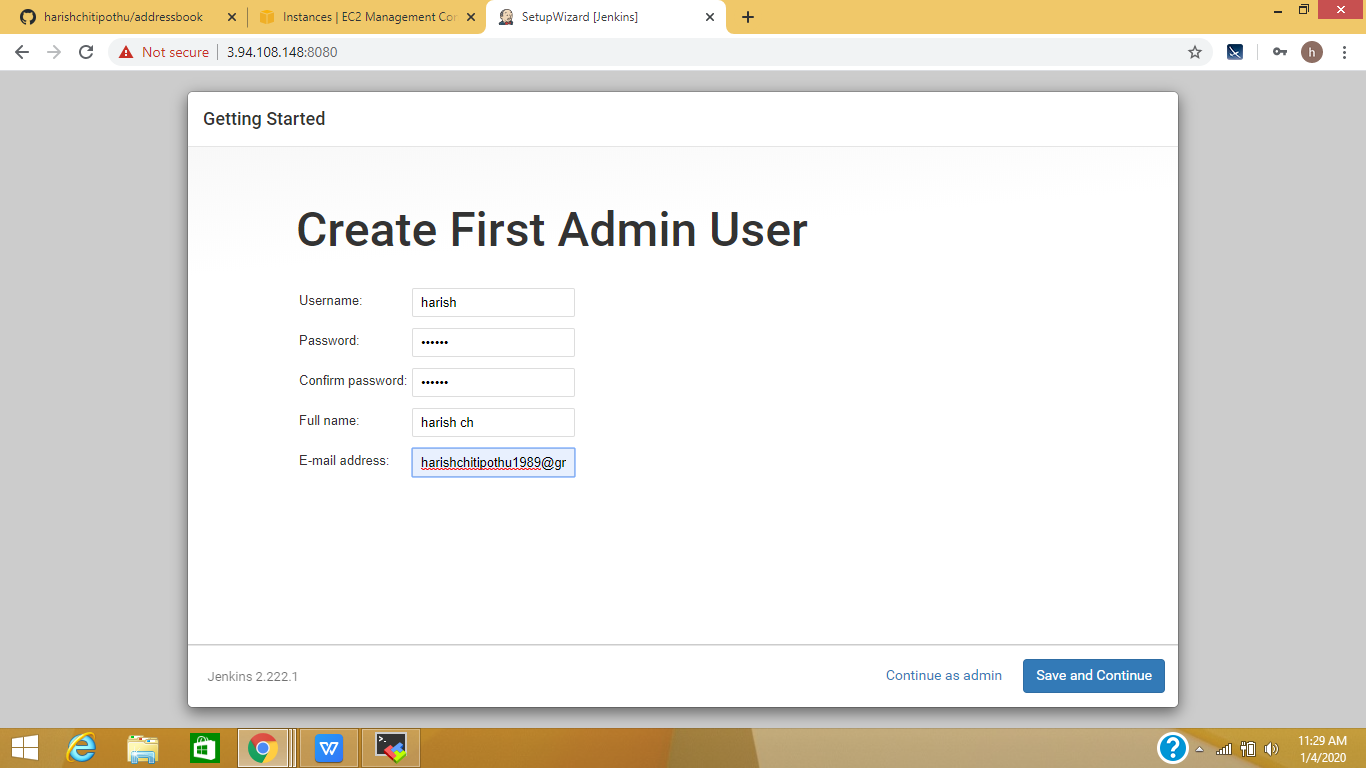


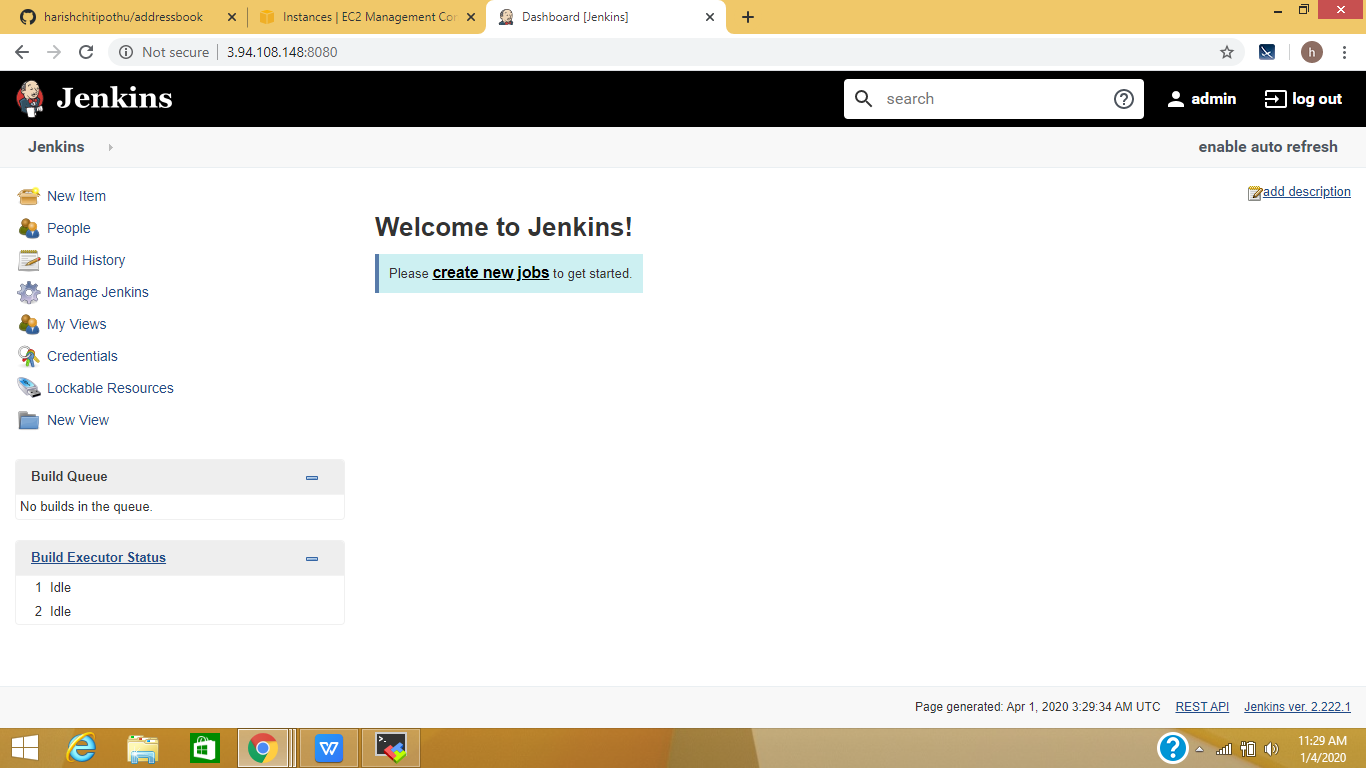








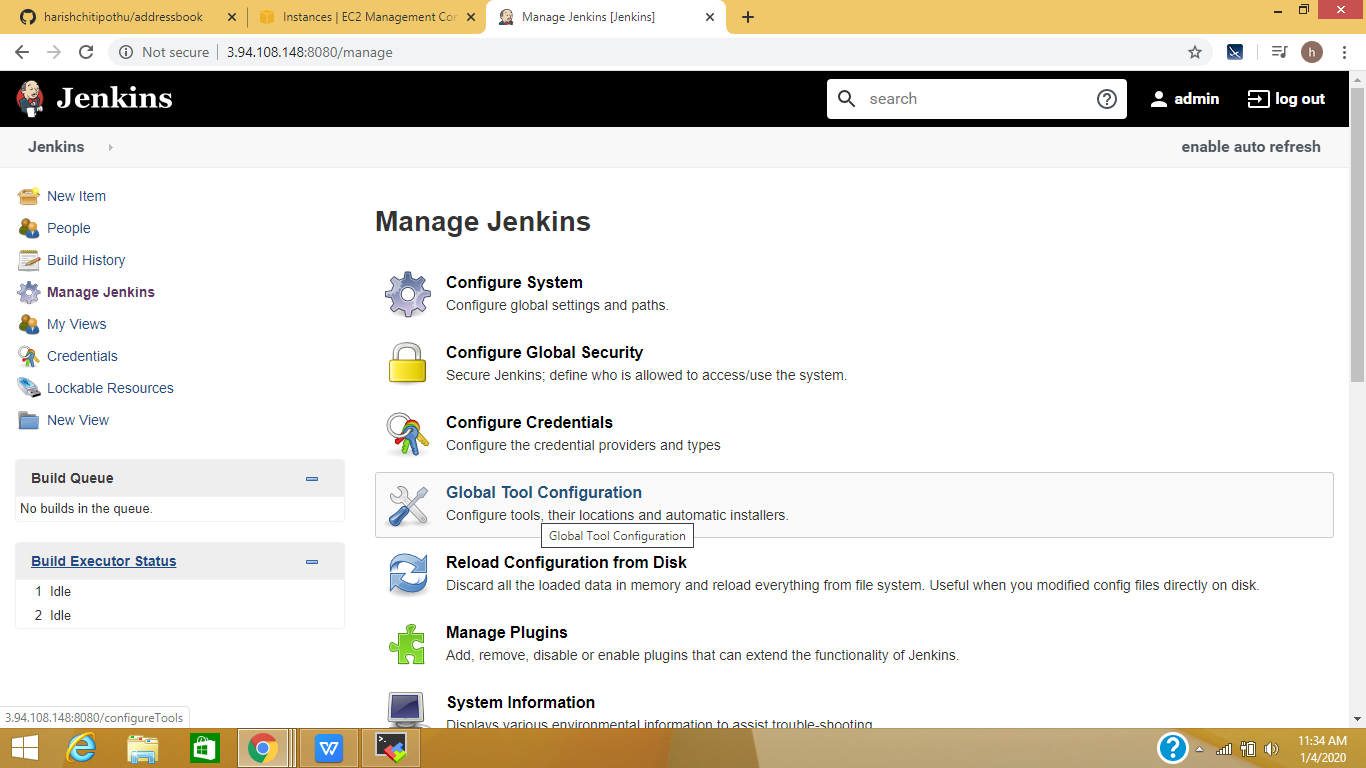


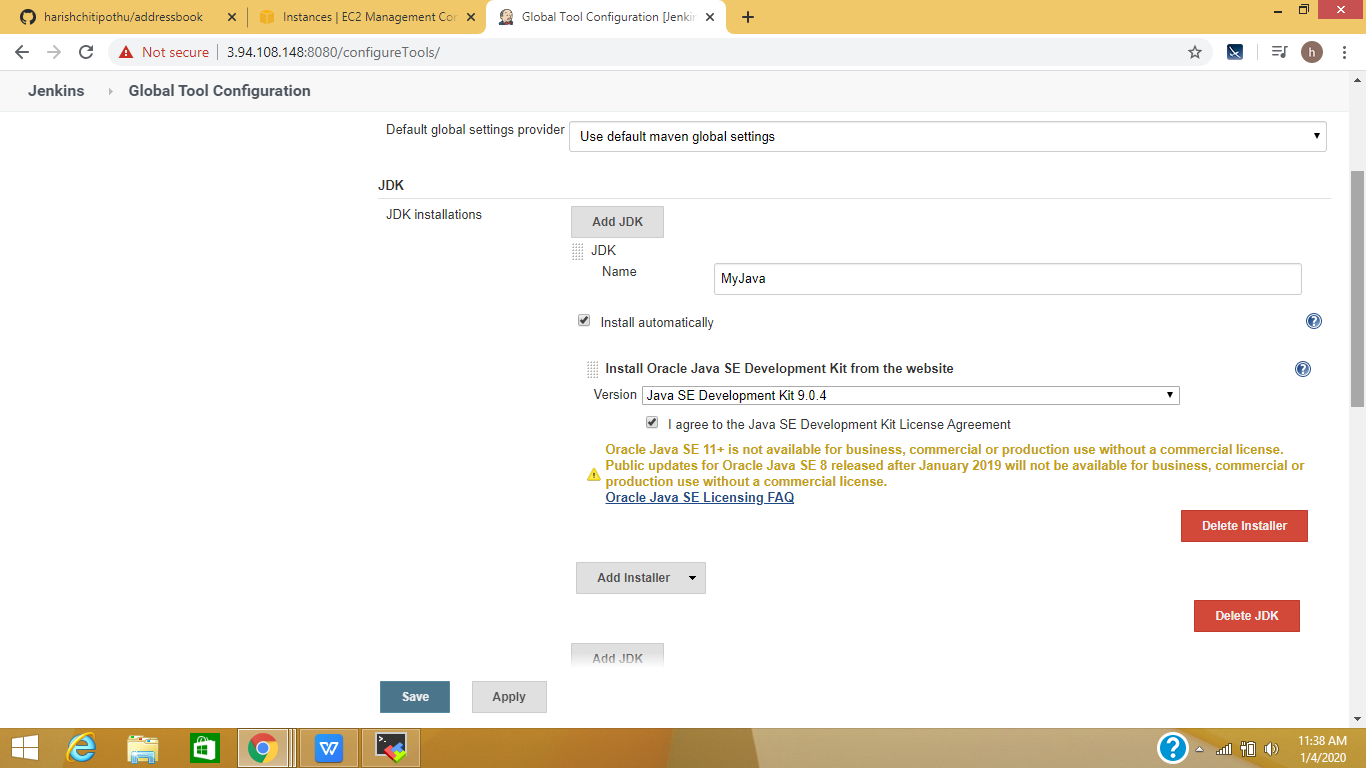


Going to create multiple jobs related to development and package

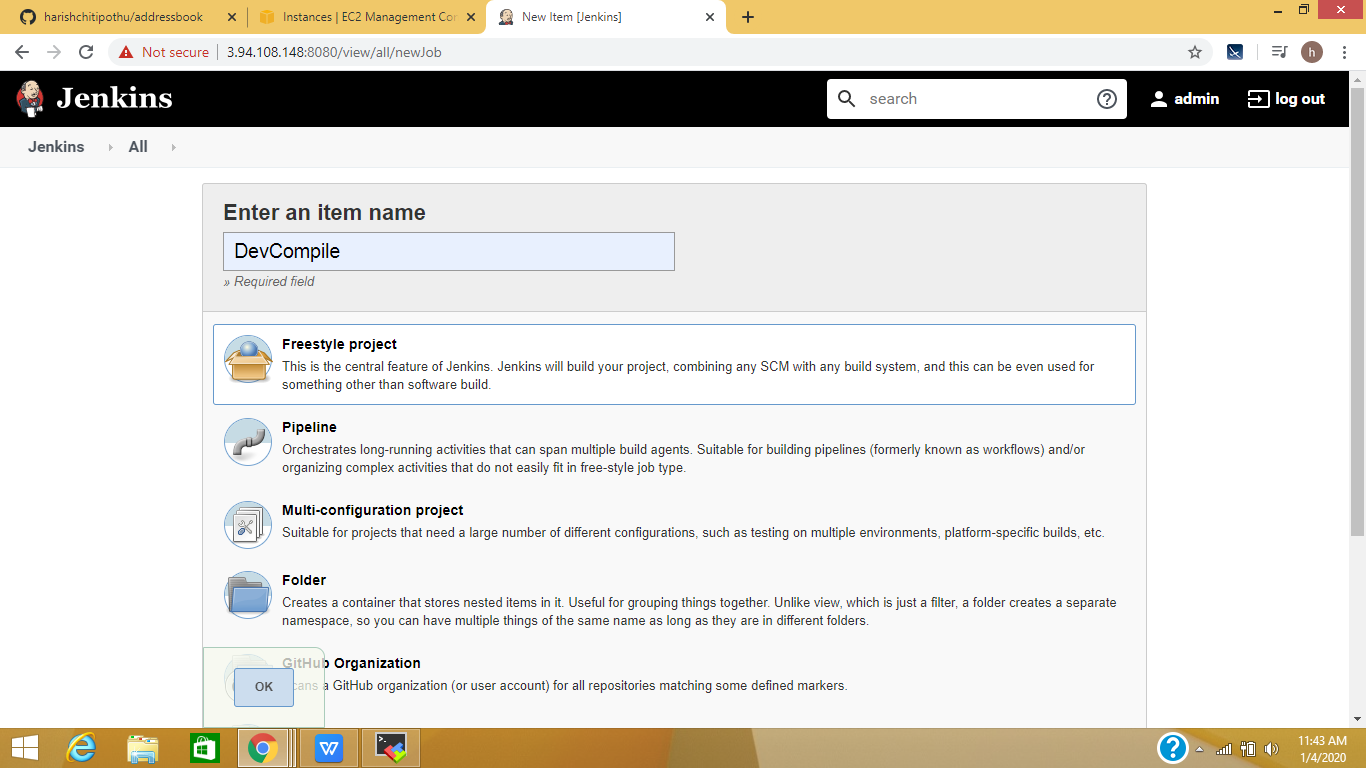
DevCompile -> CodeReview -> UnitTest -> Package -> BuildDockerImage

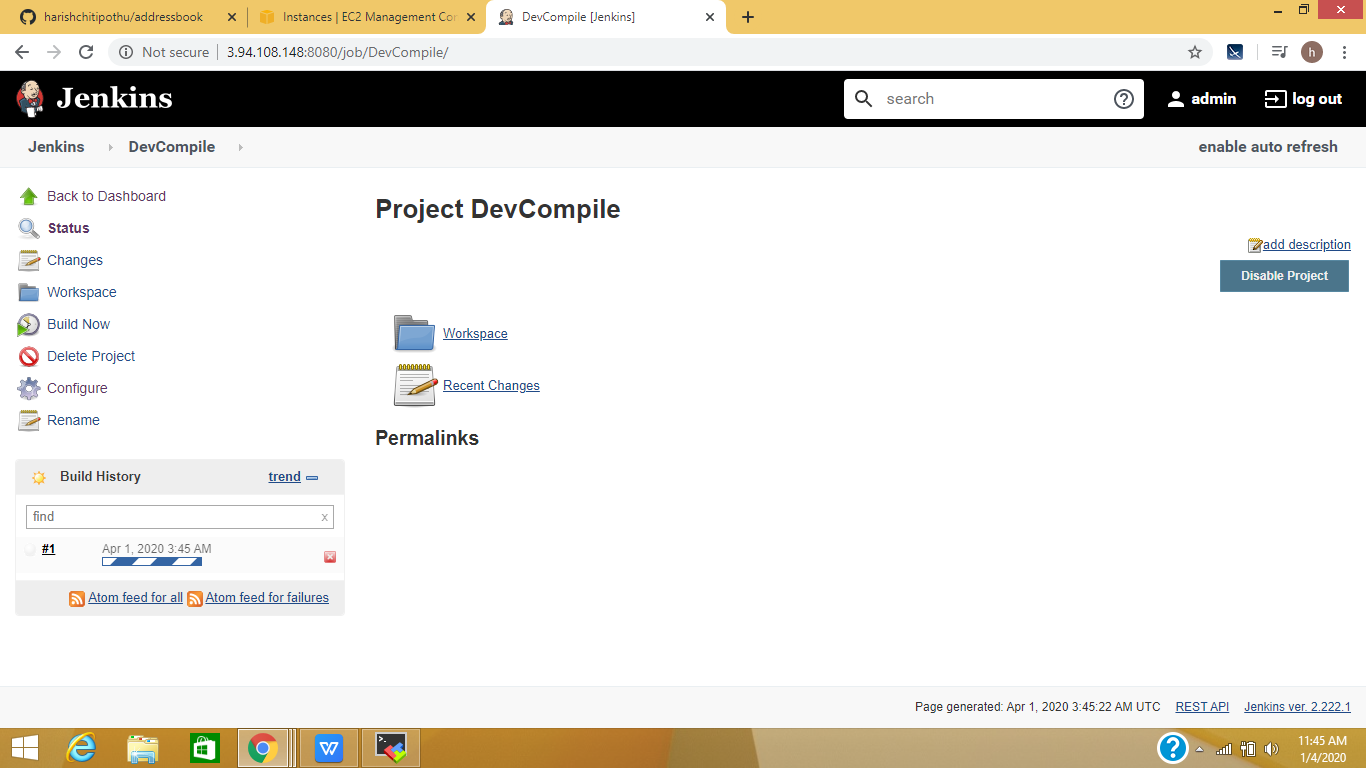
Before of pipeline creation,My project is java project so weed to add java and maven in global tool configuration

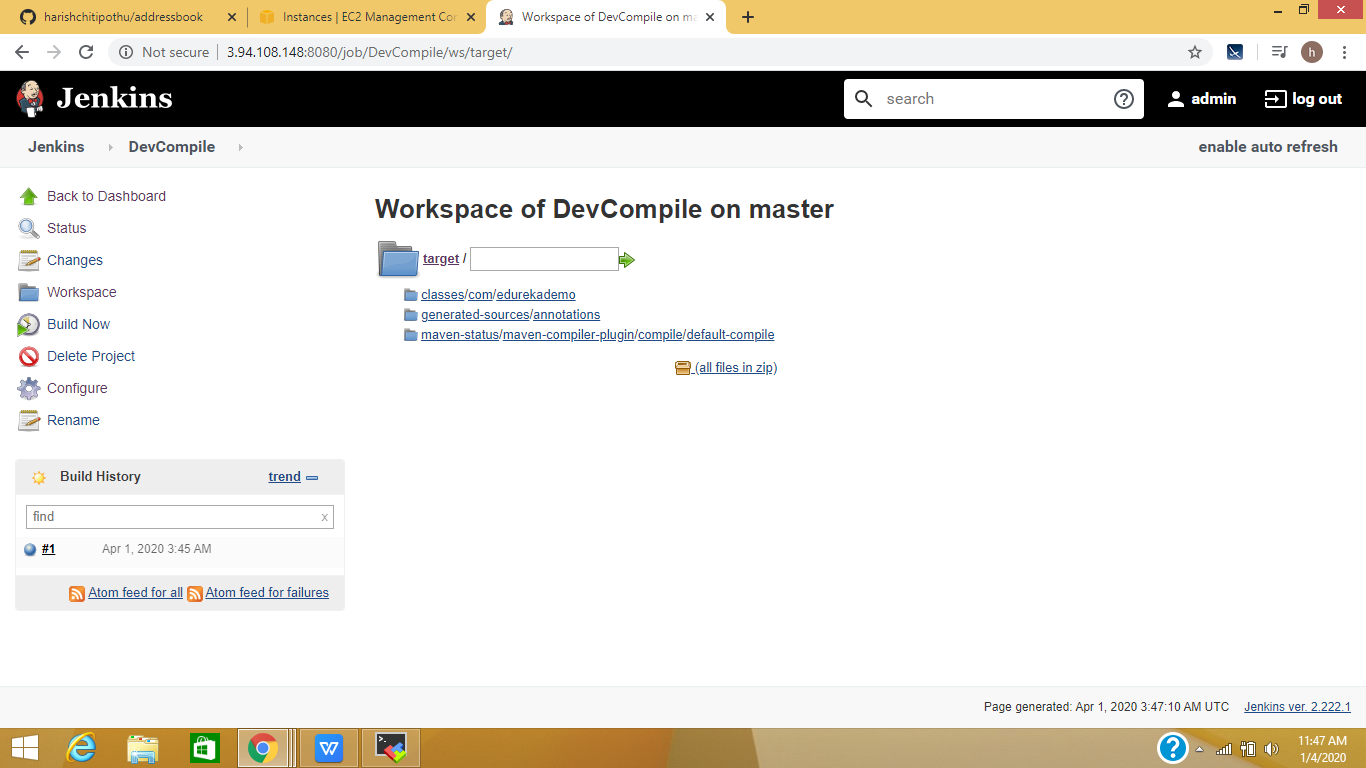




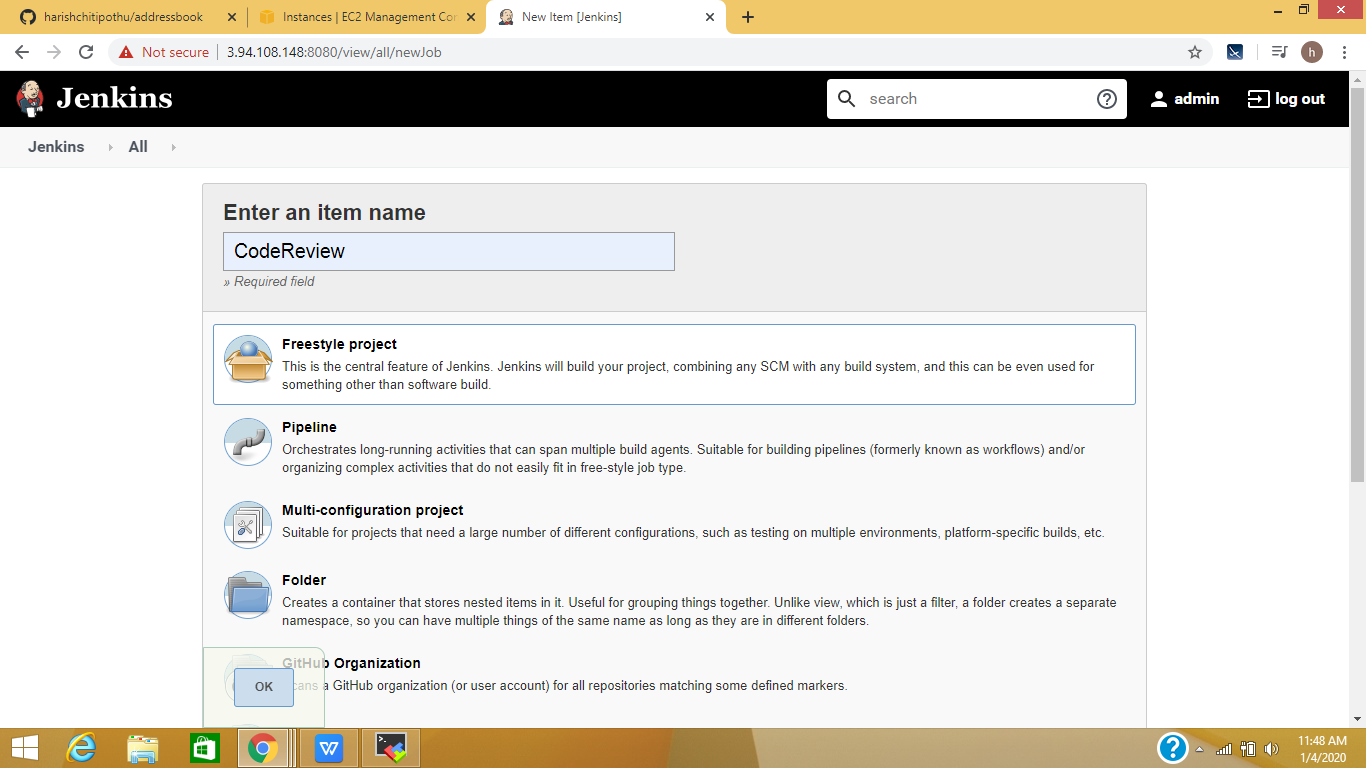
Creating the DevCompile job - it’ll compile the code

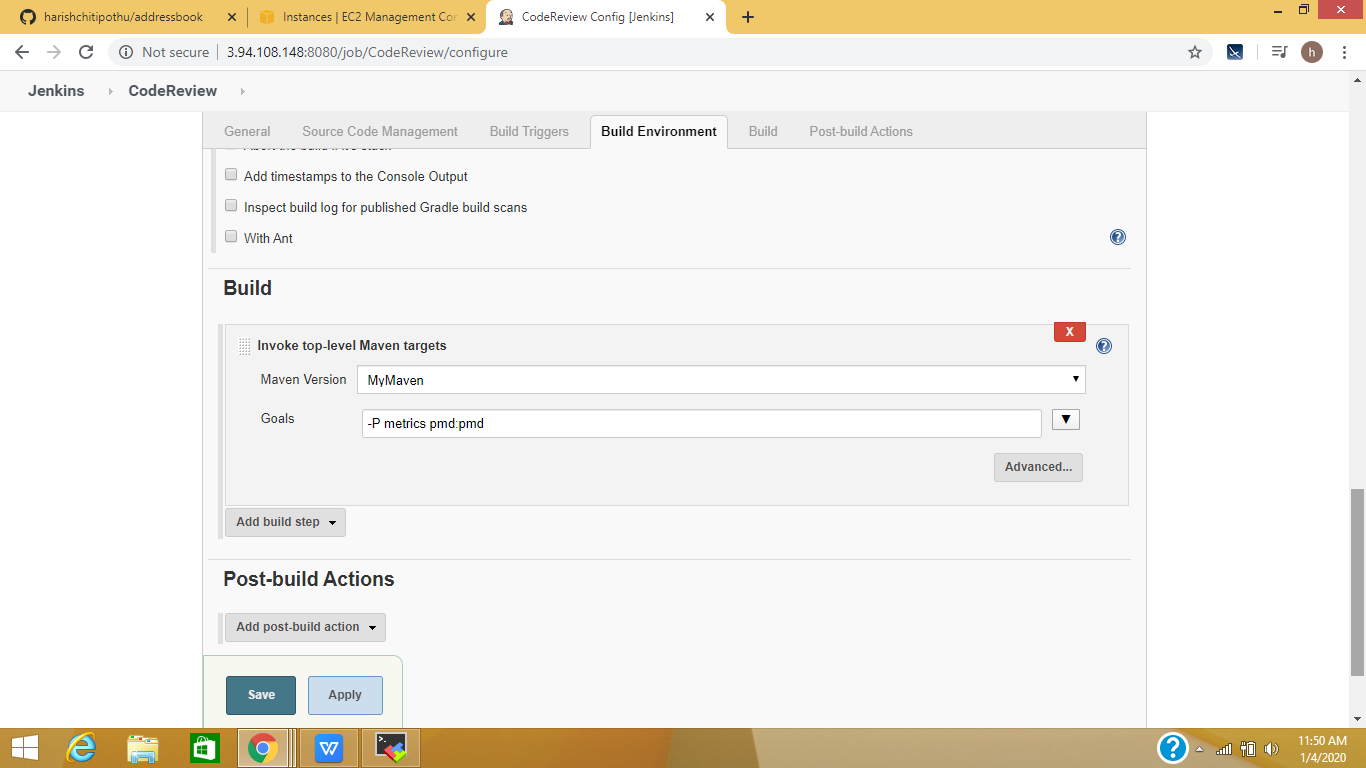


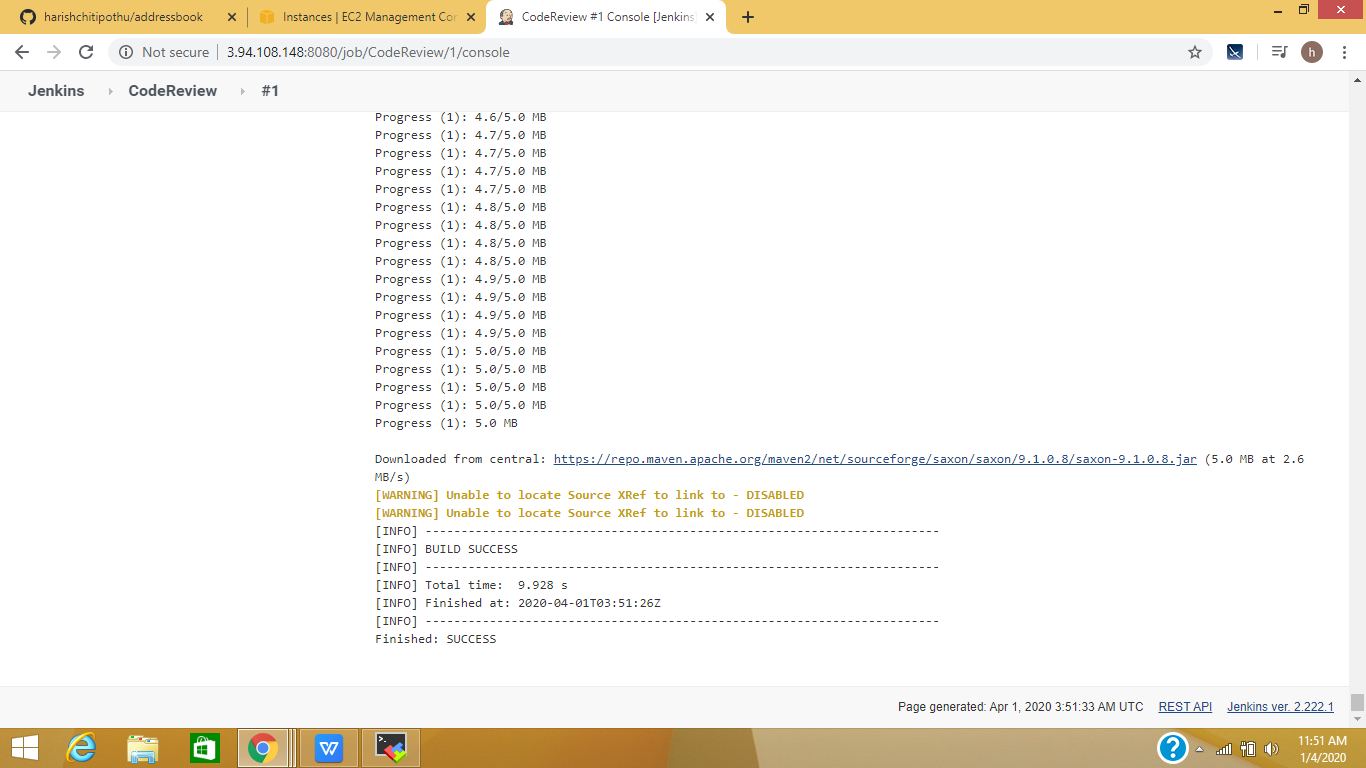




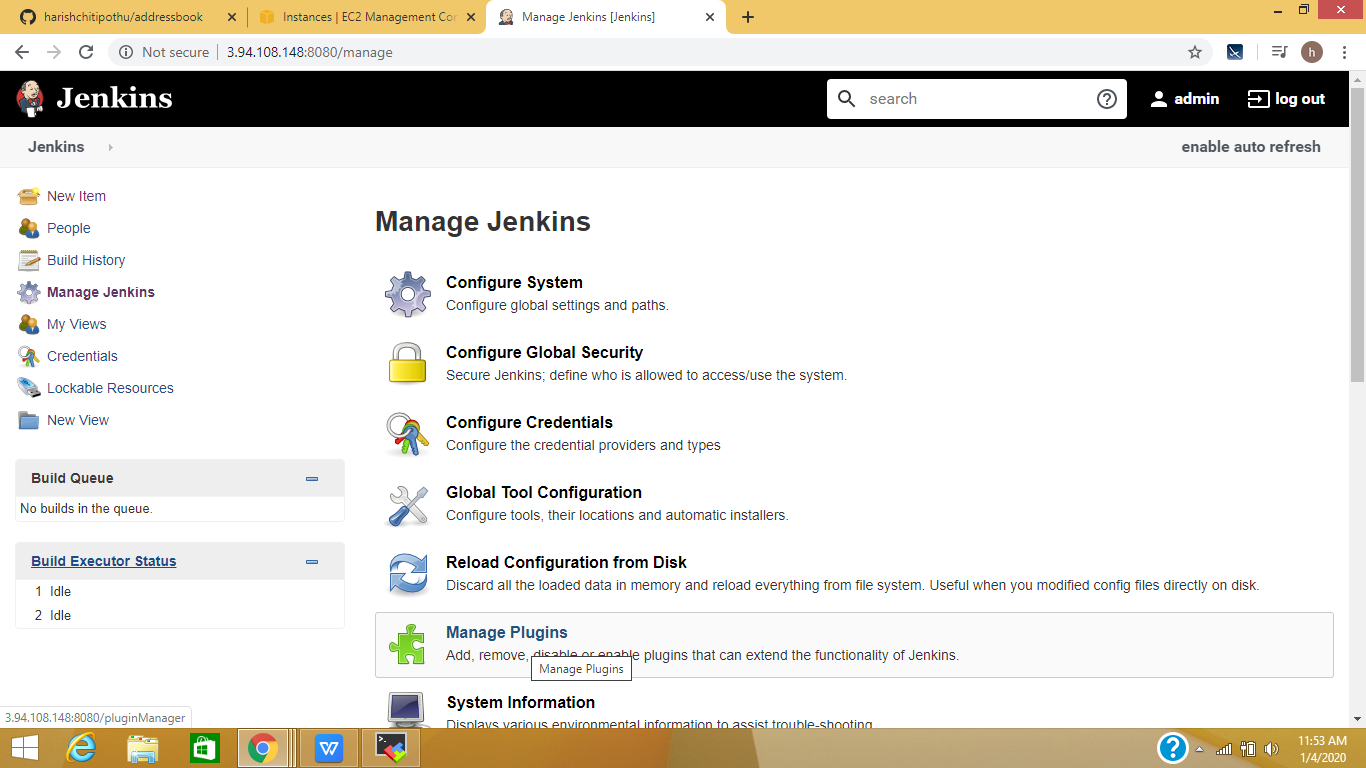
Creating the CodeReview job

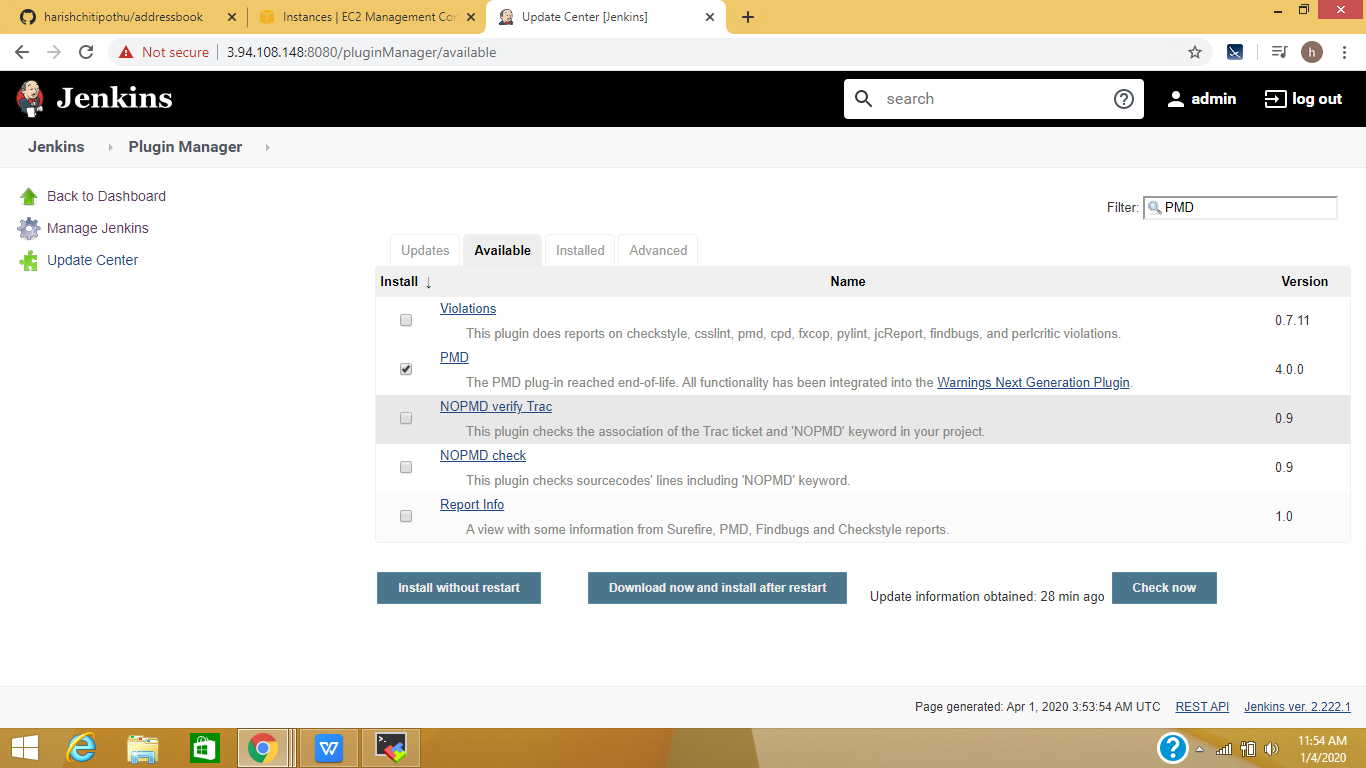


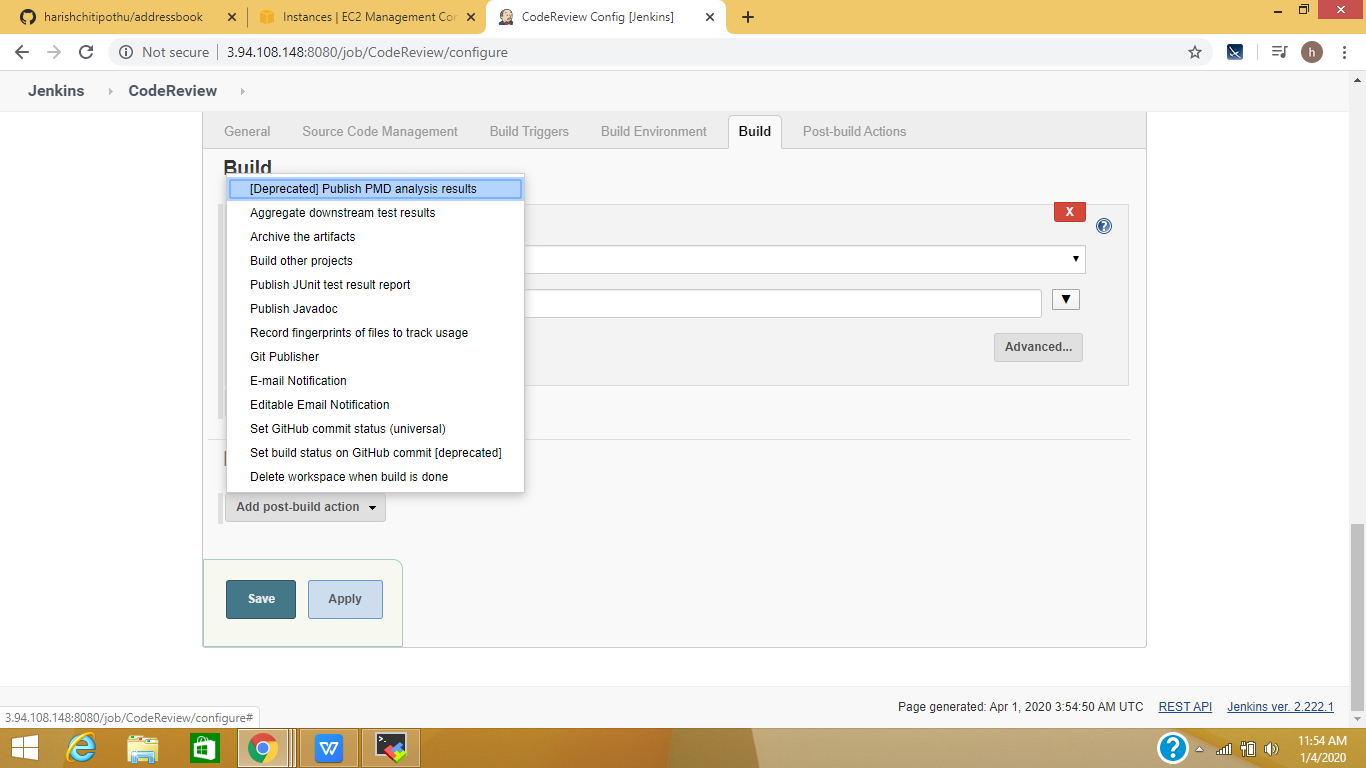


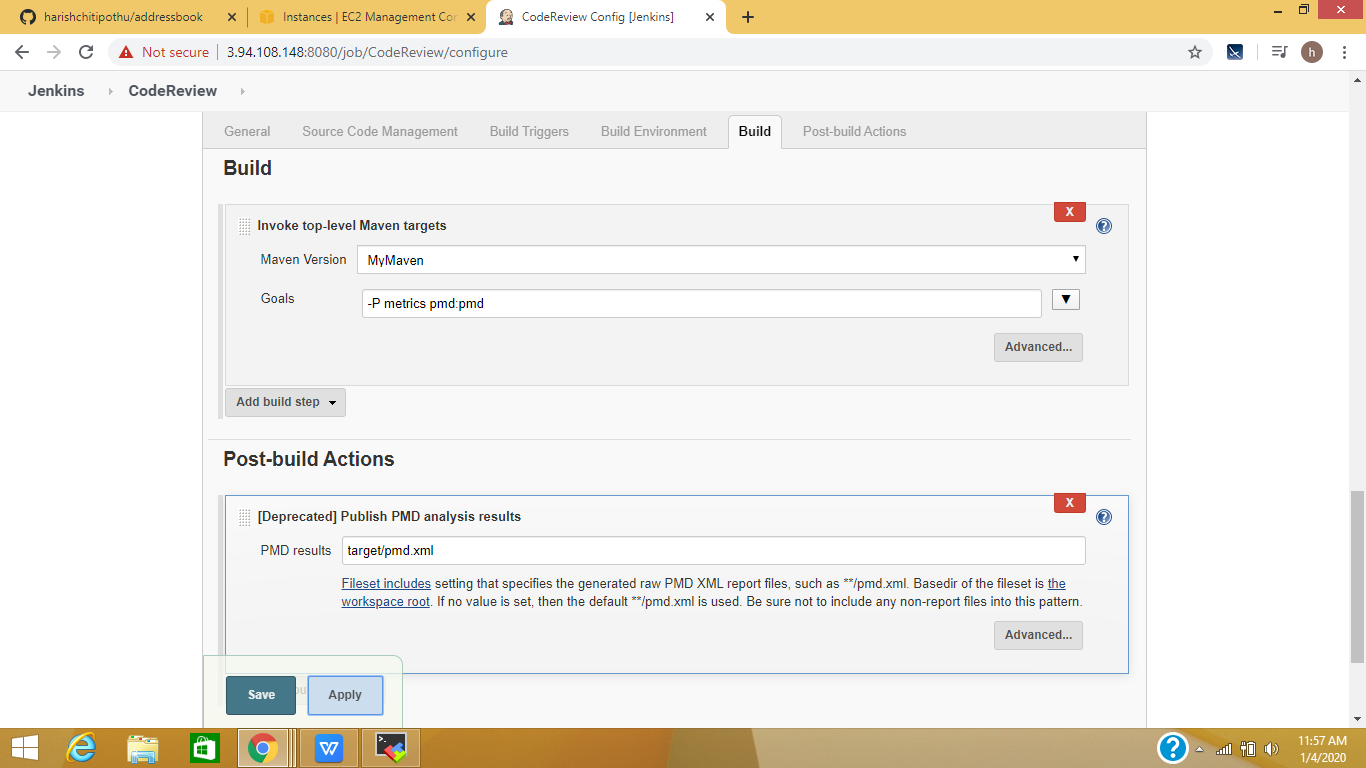


If you need to generate PMD Trendy reports then need to install PMD plugin for that

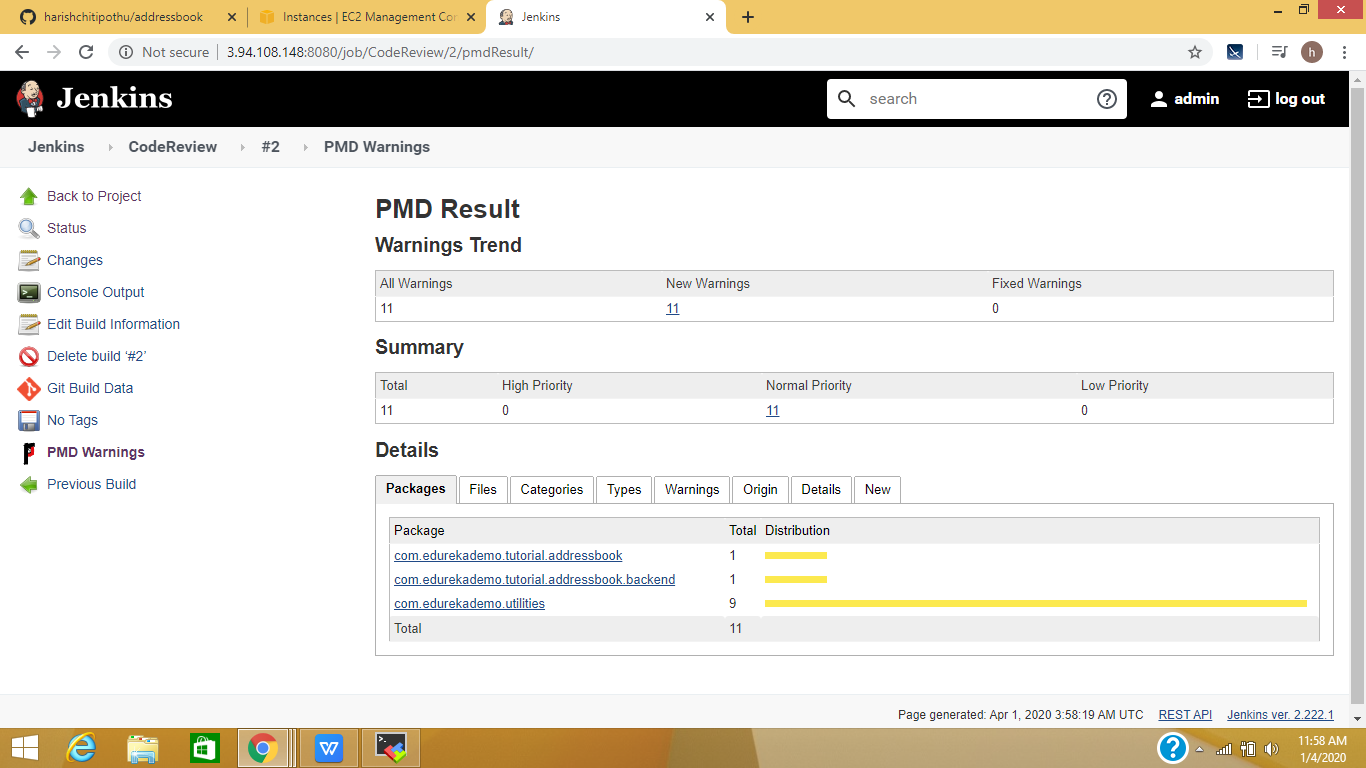




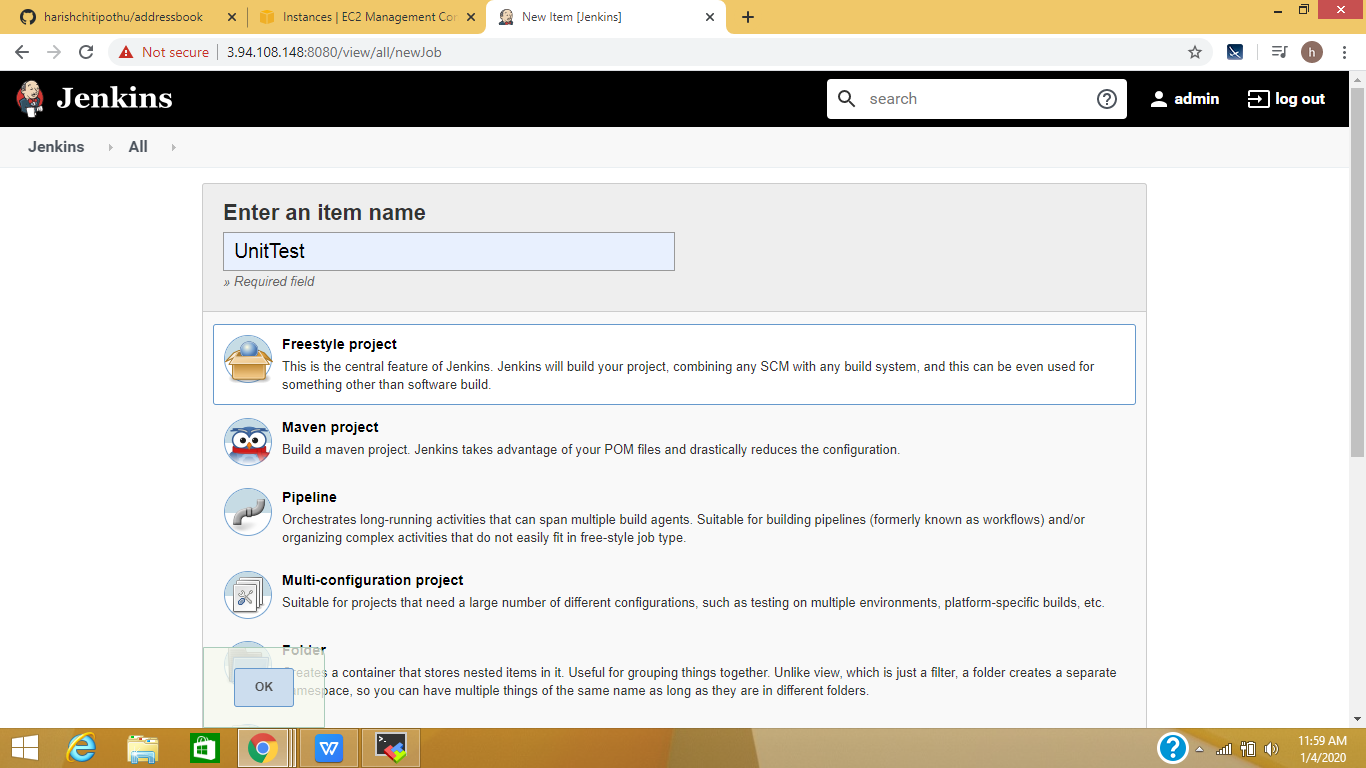


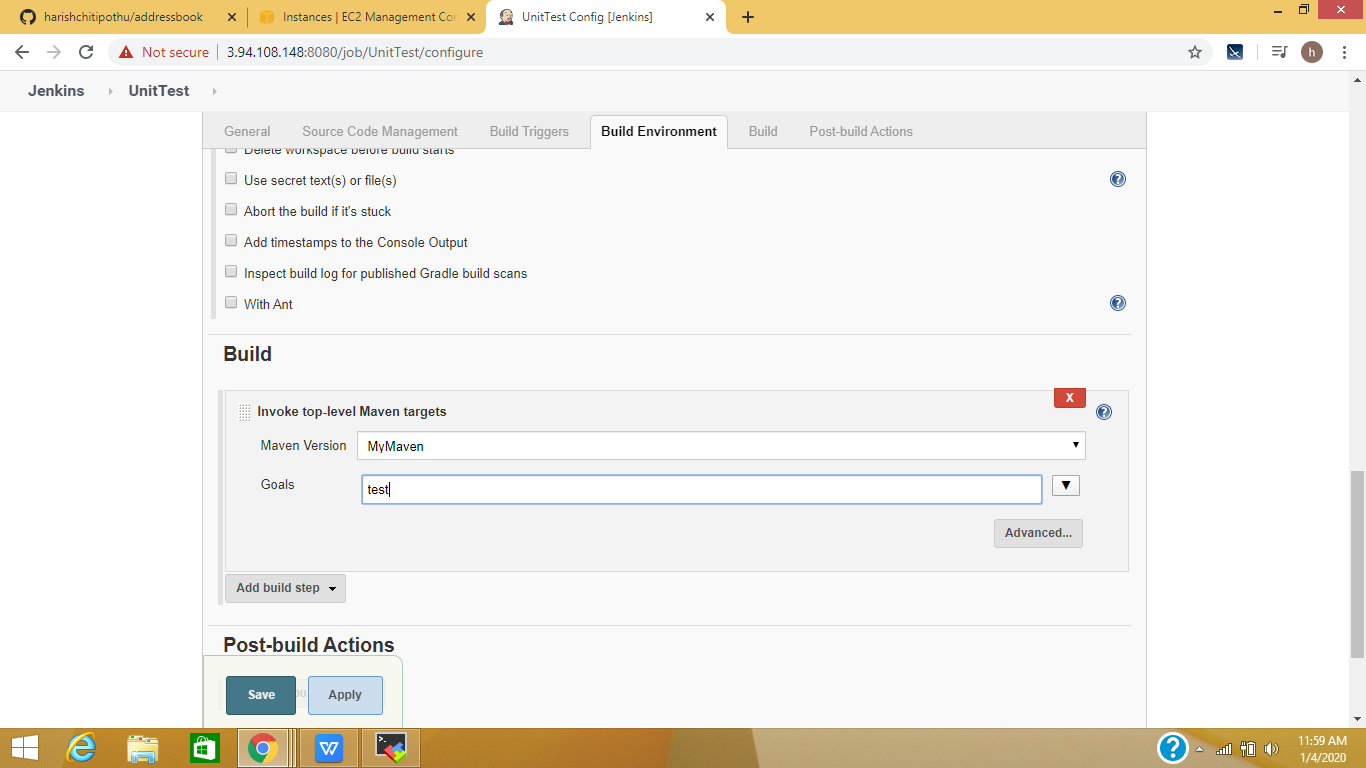


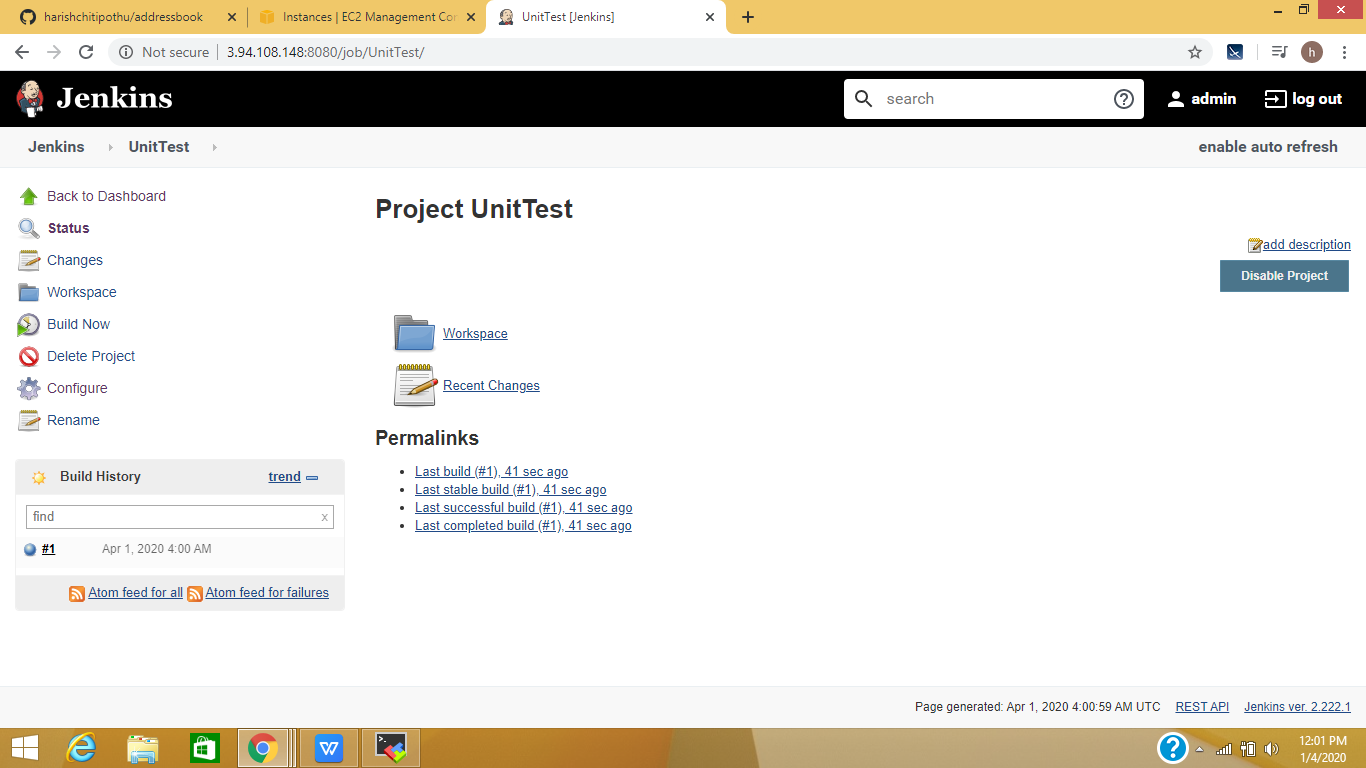
After that you can able to see the trendy reports



Create UnitTest job



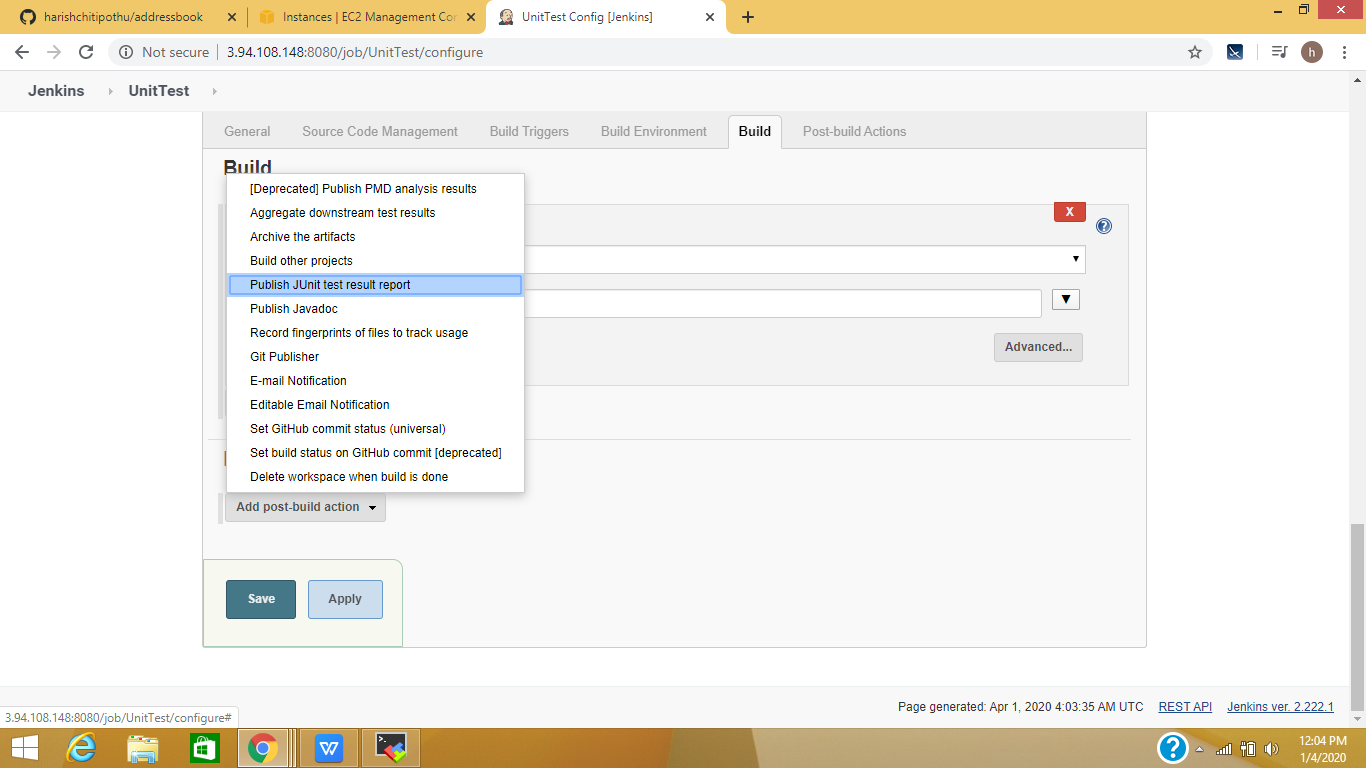


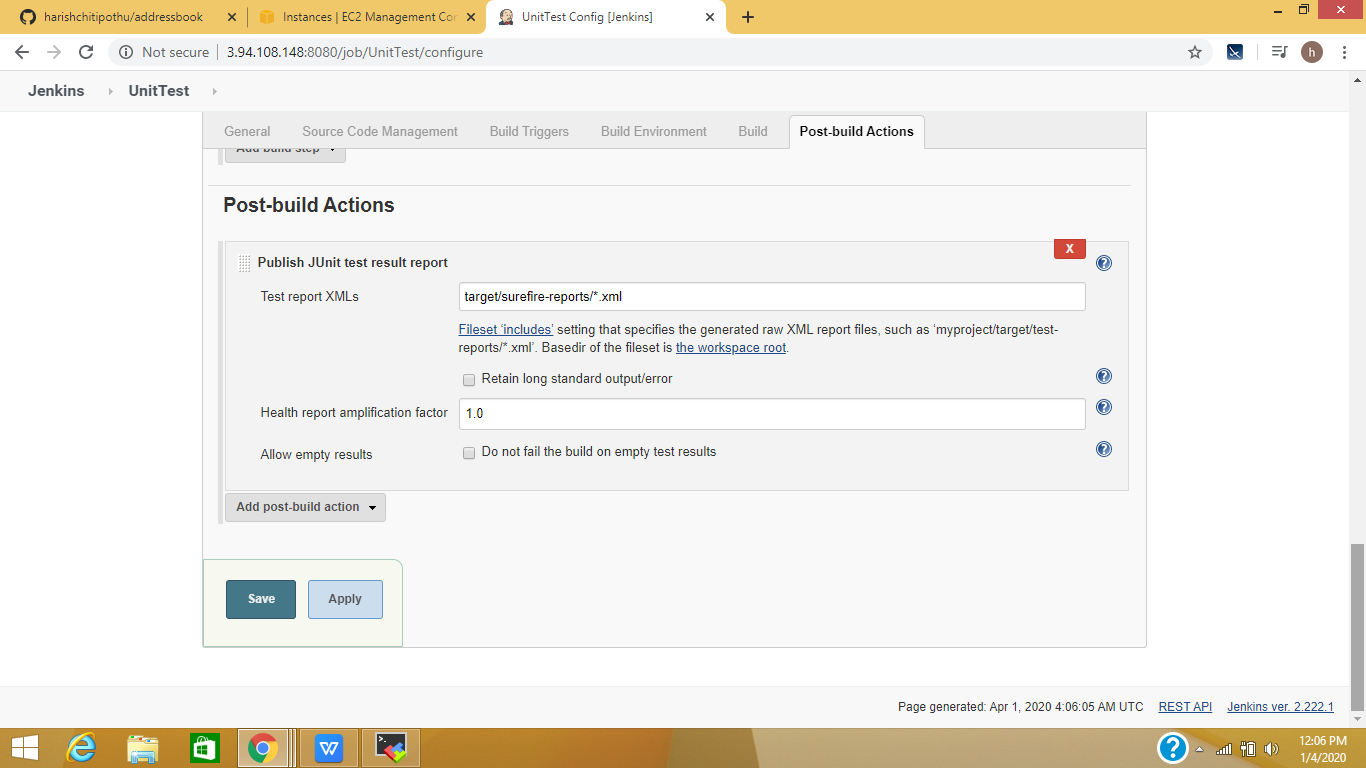


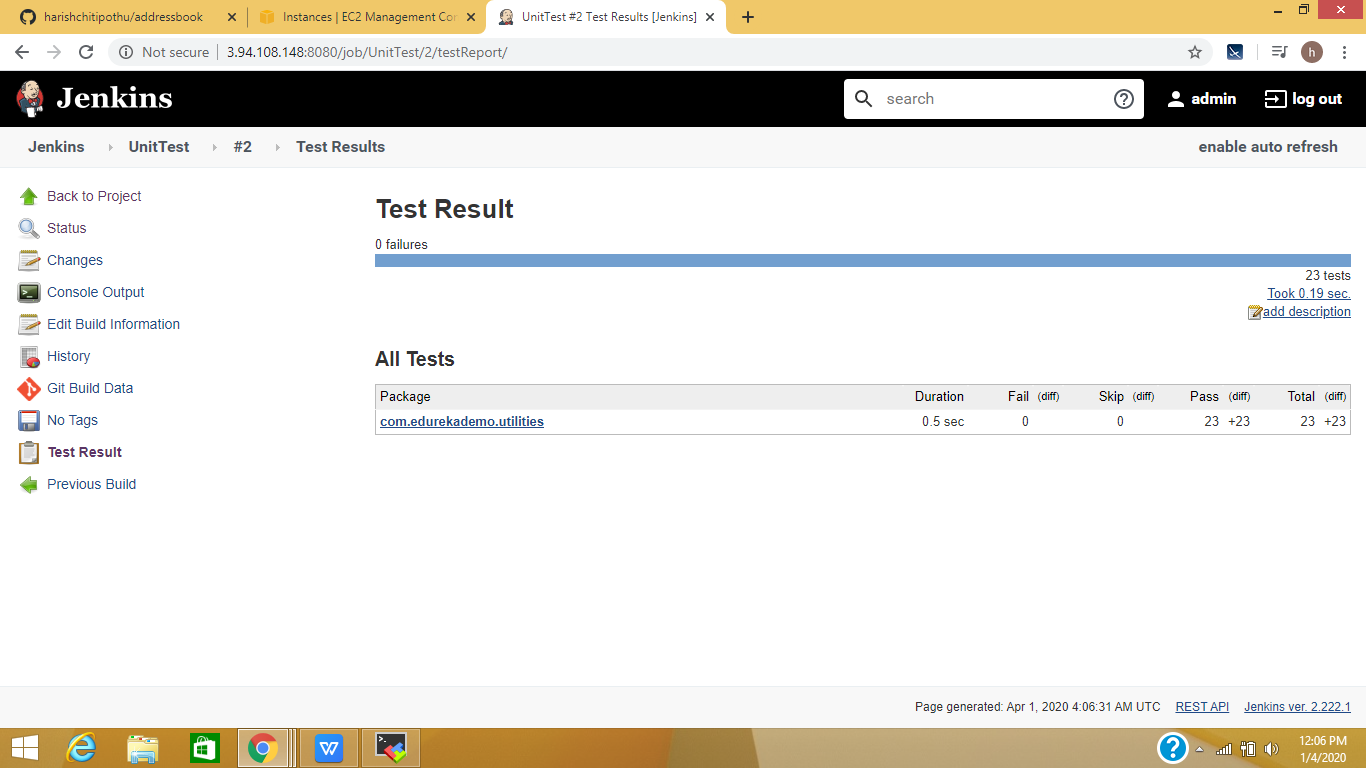
Surefire reports in xml format

If u need trendy reports then install any plugin related to that

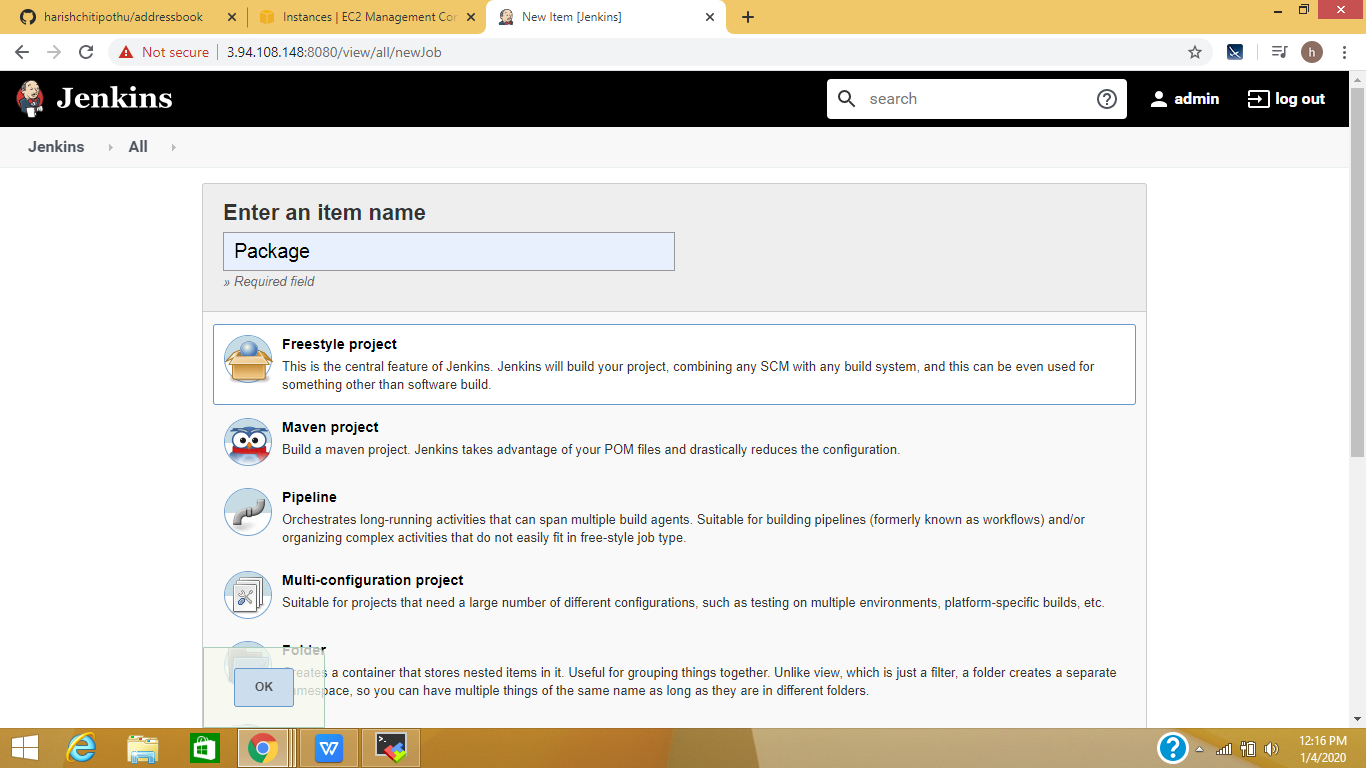
We’ve lot of plugin’s available



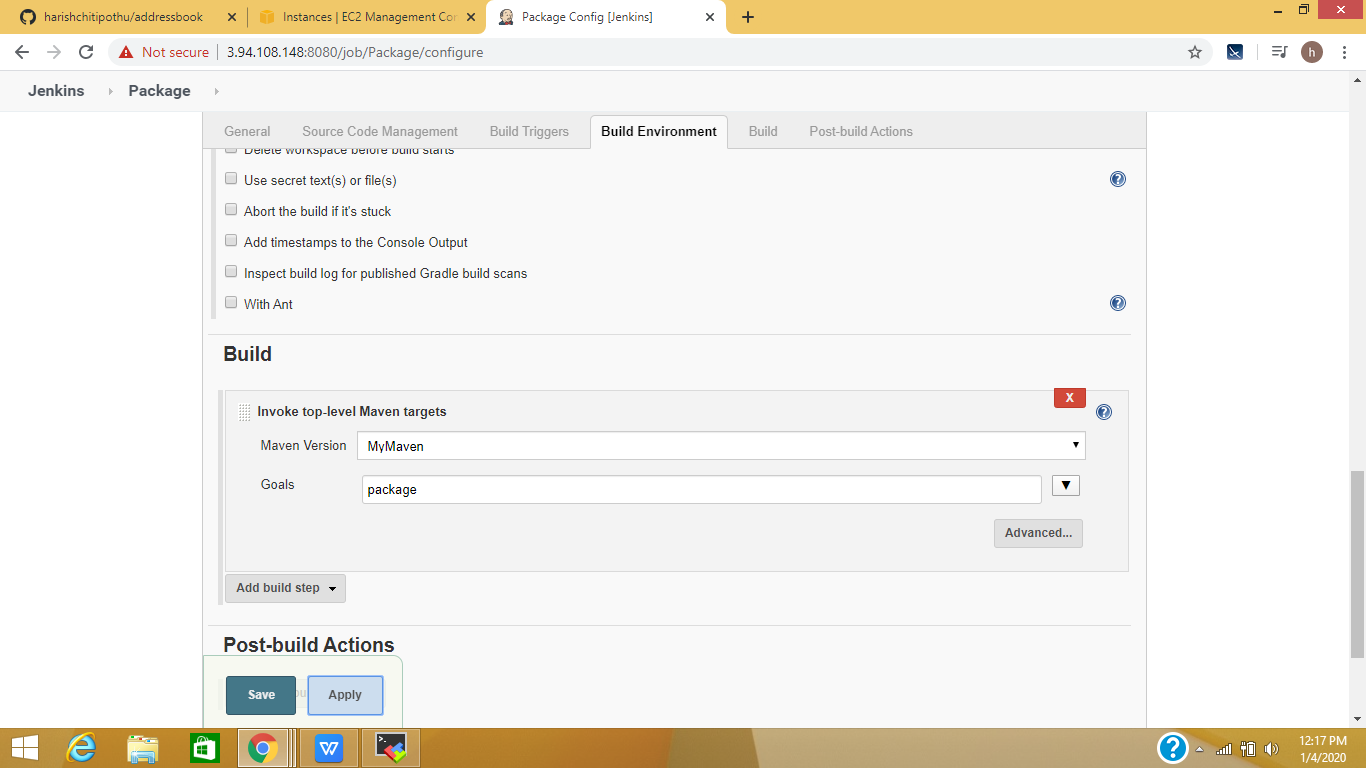


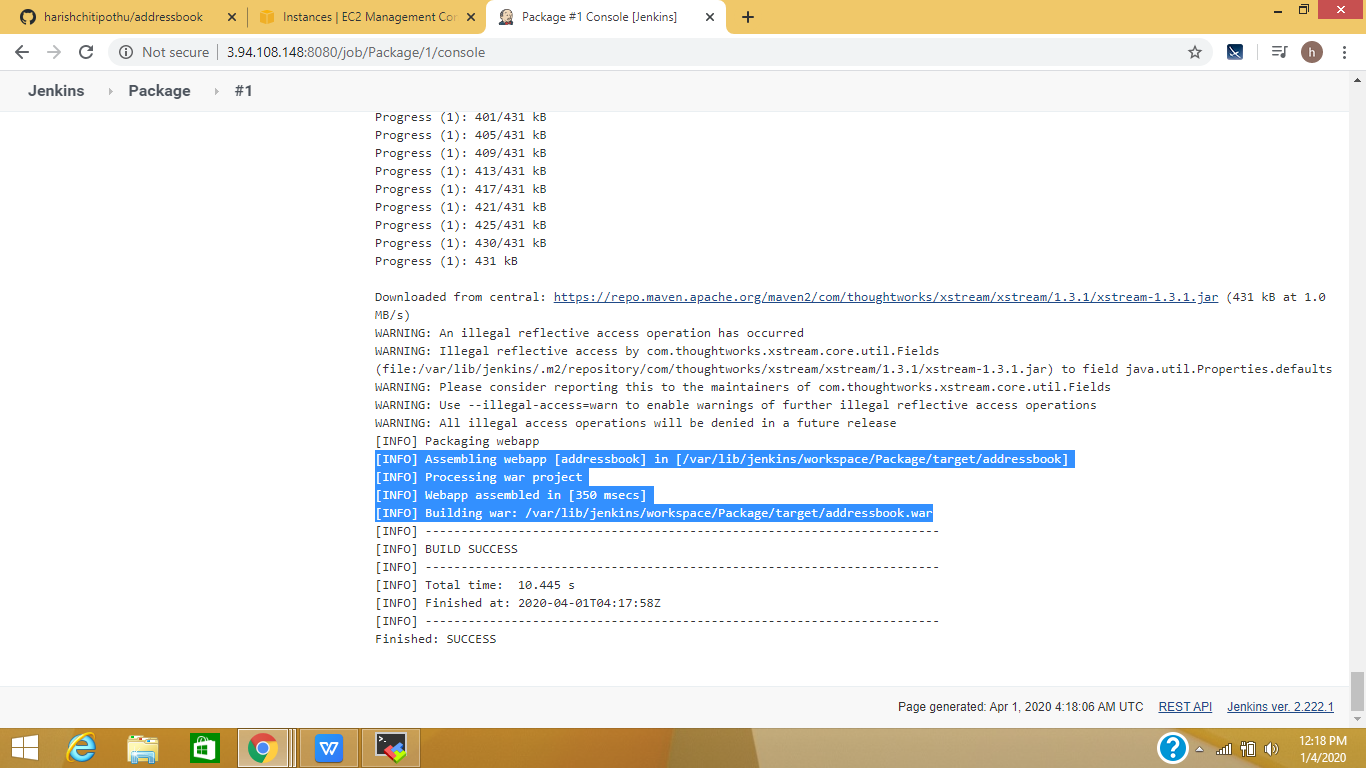


Creating the Package job



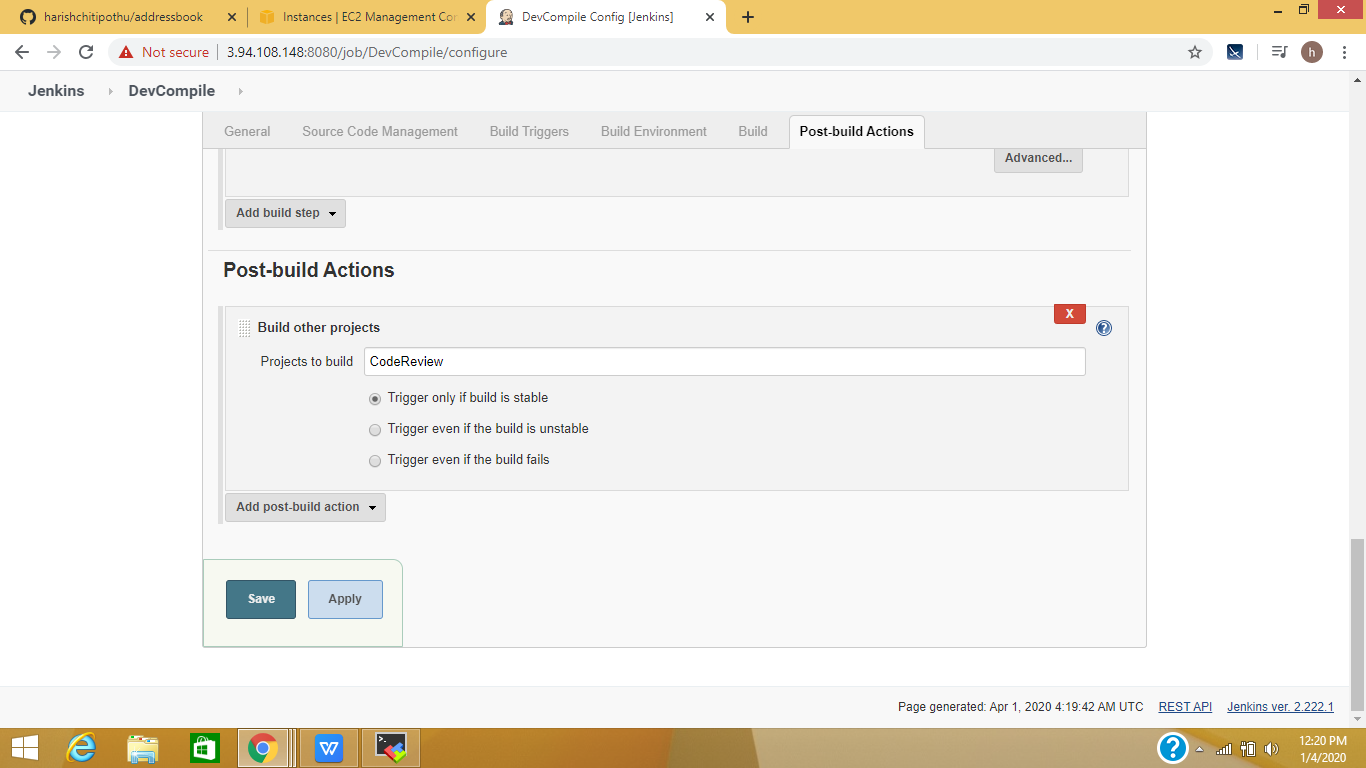
This is done by surefire plugin in maven

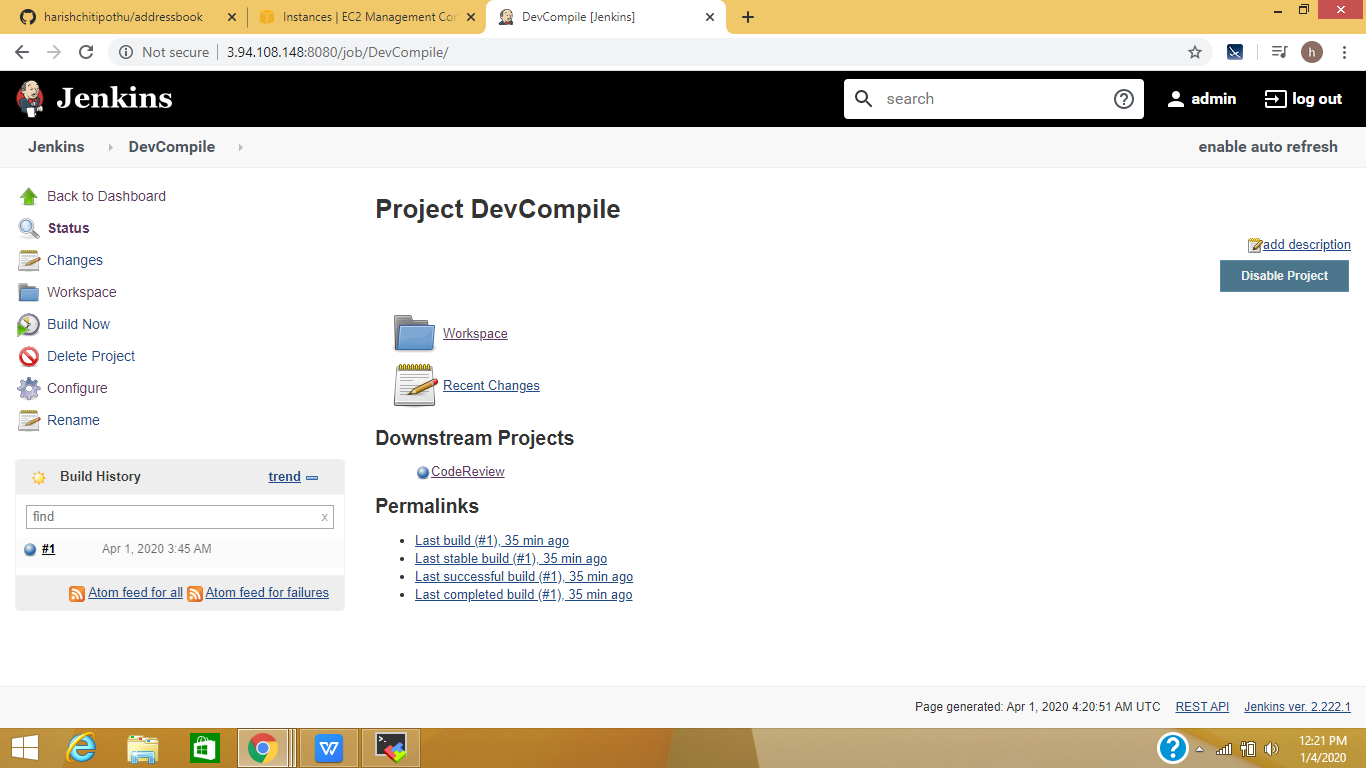


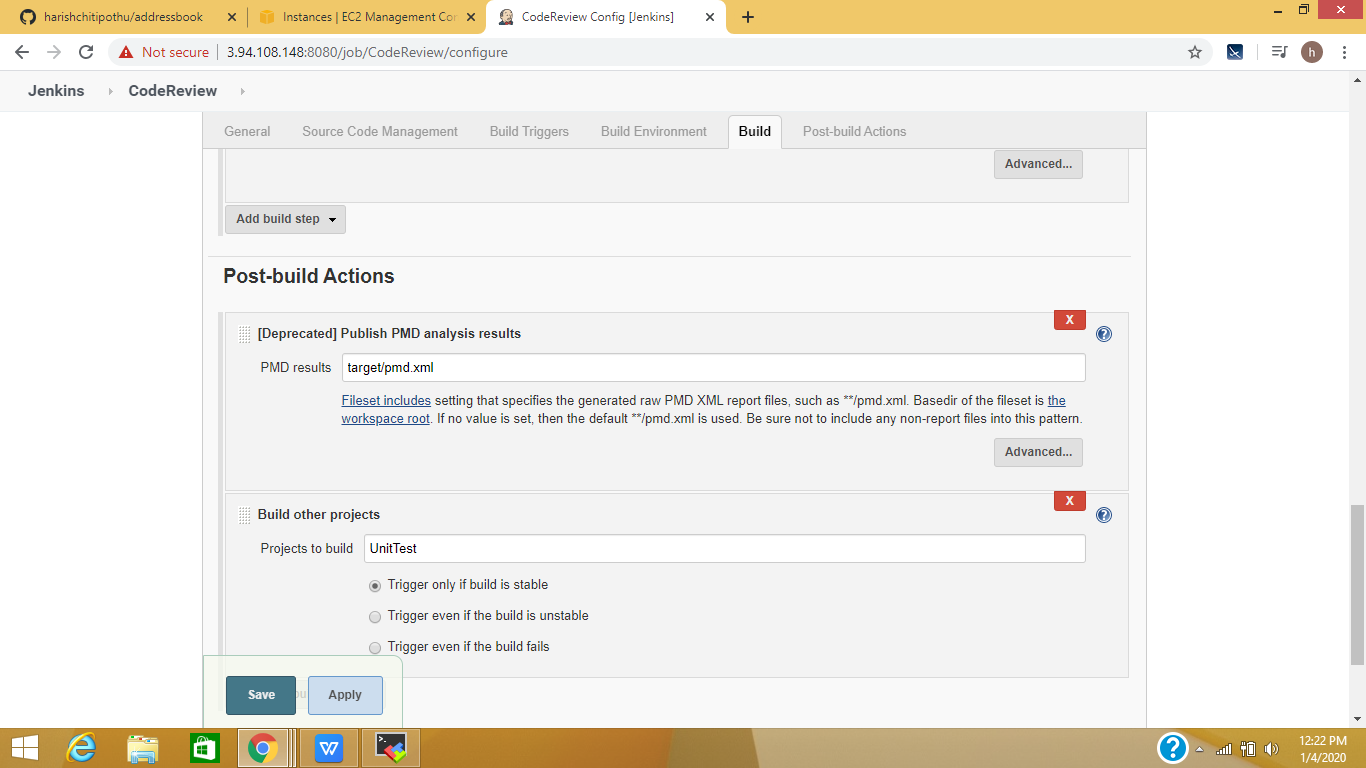


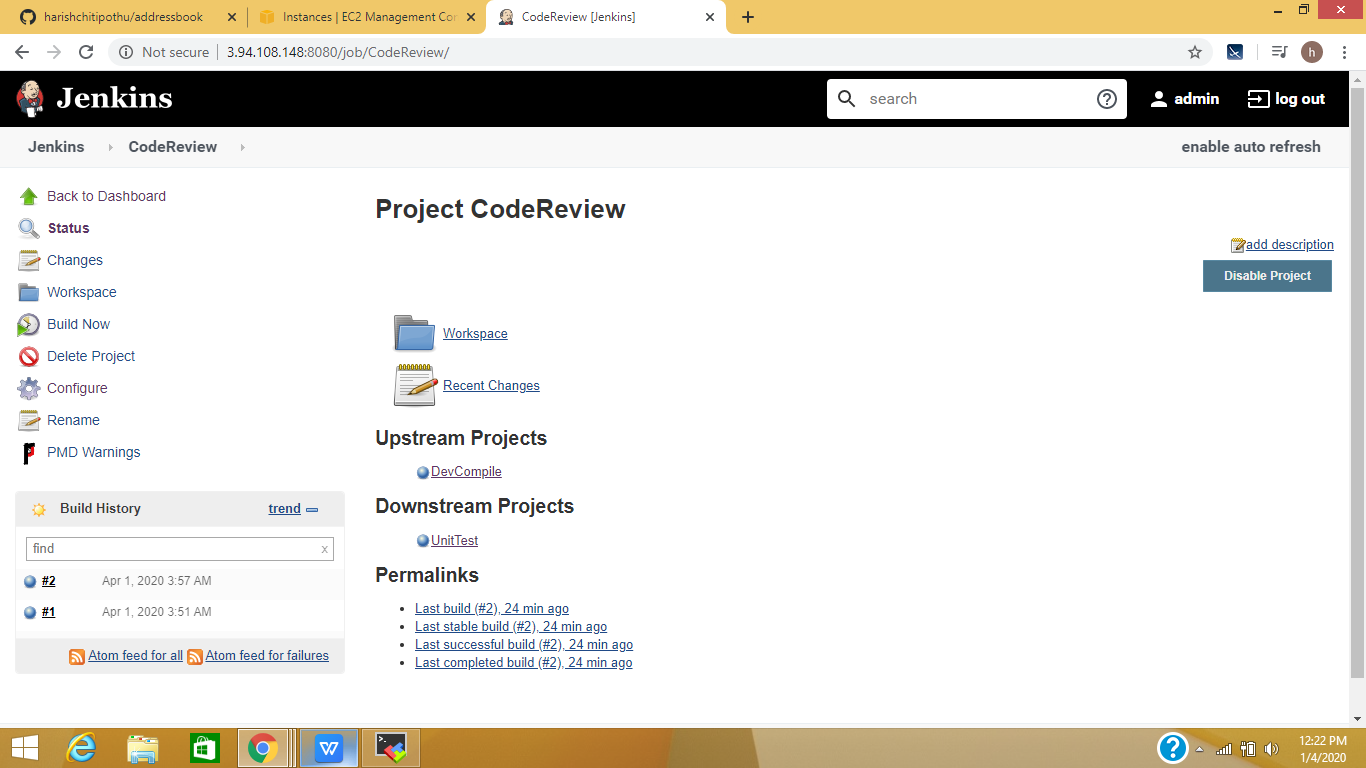
Add the jobs in pipeline

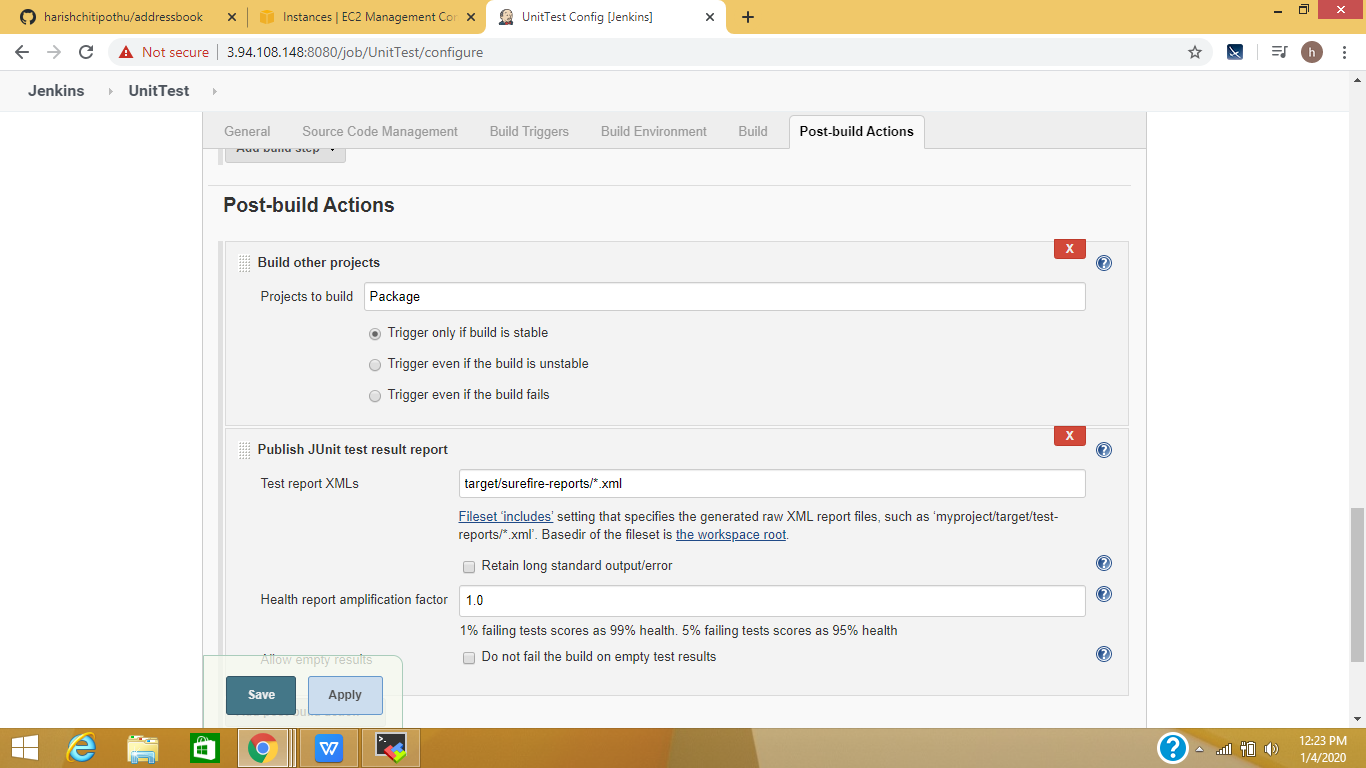
Add prepare upstream and downstream job

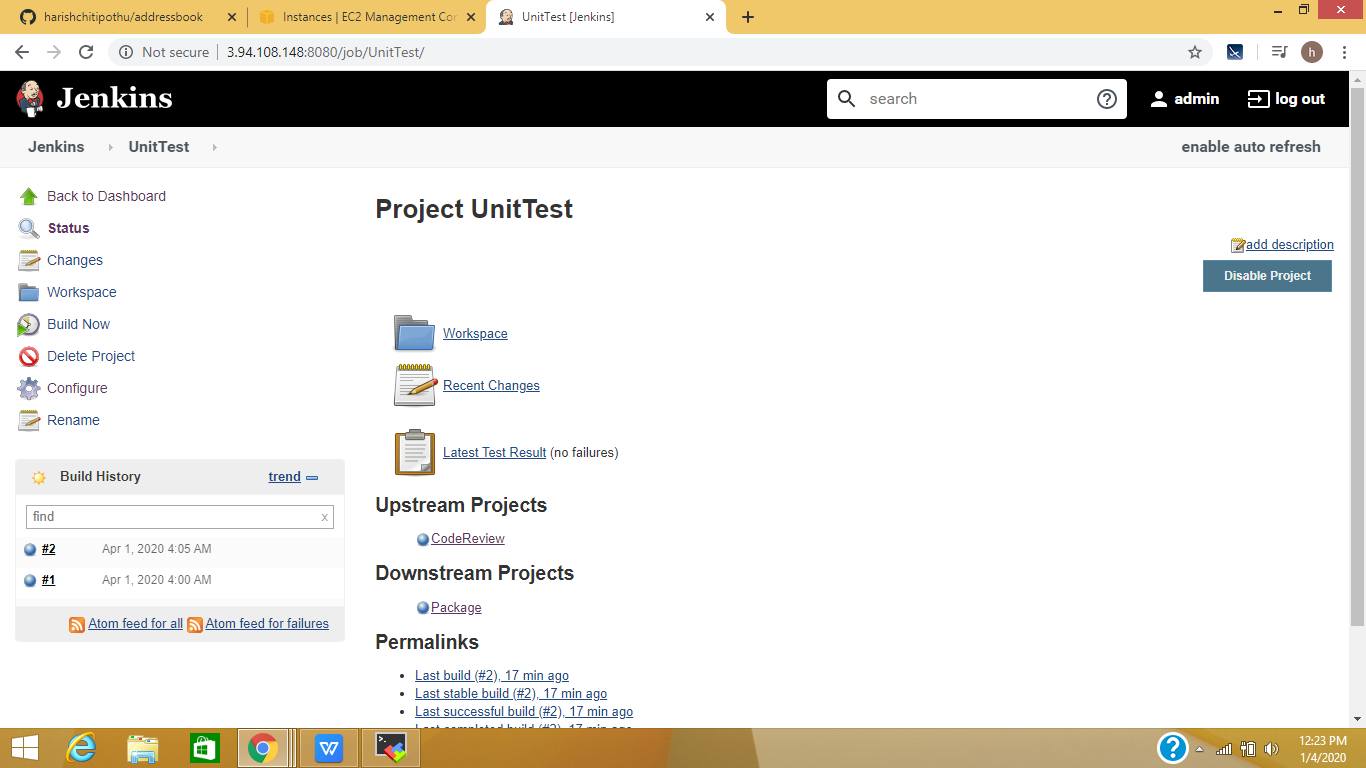






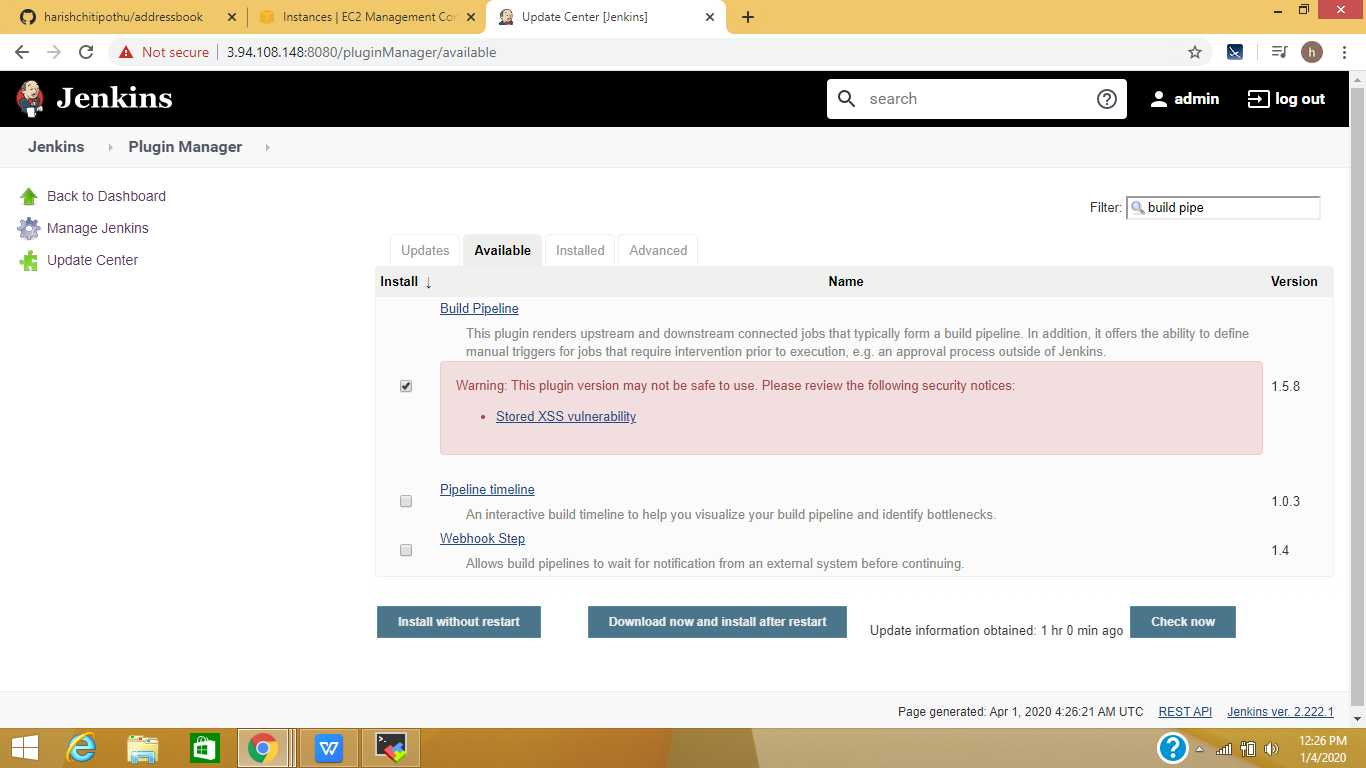


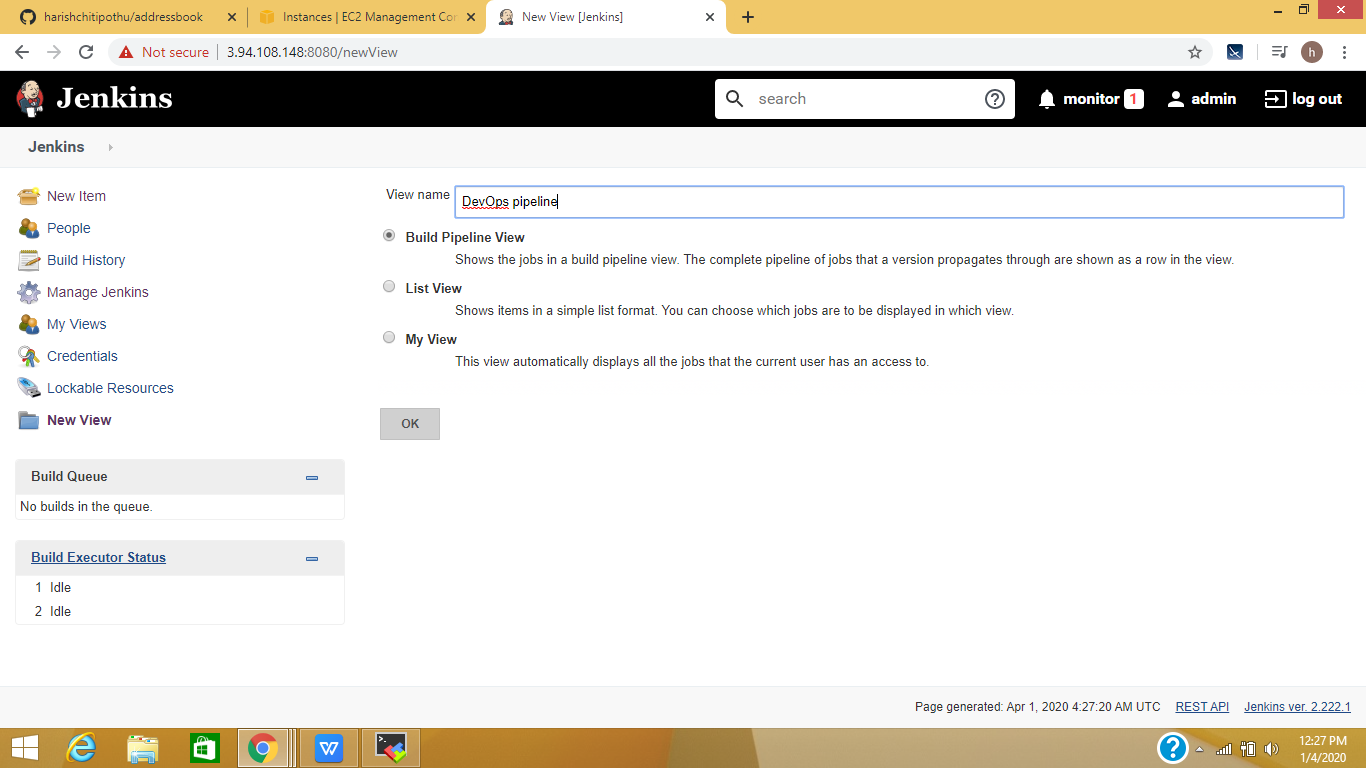


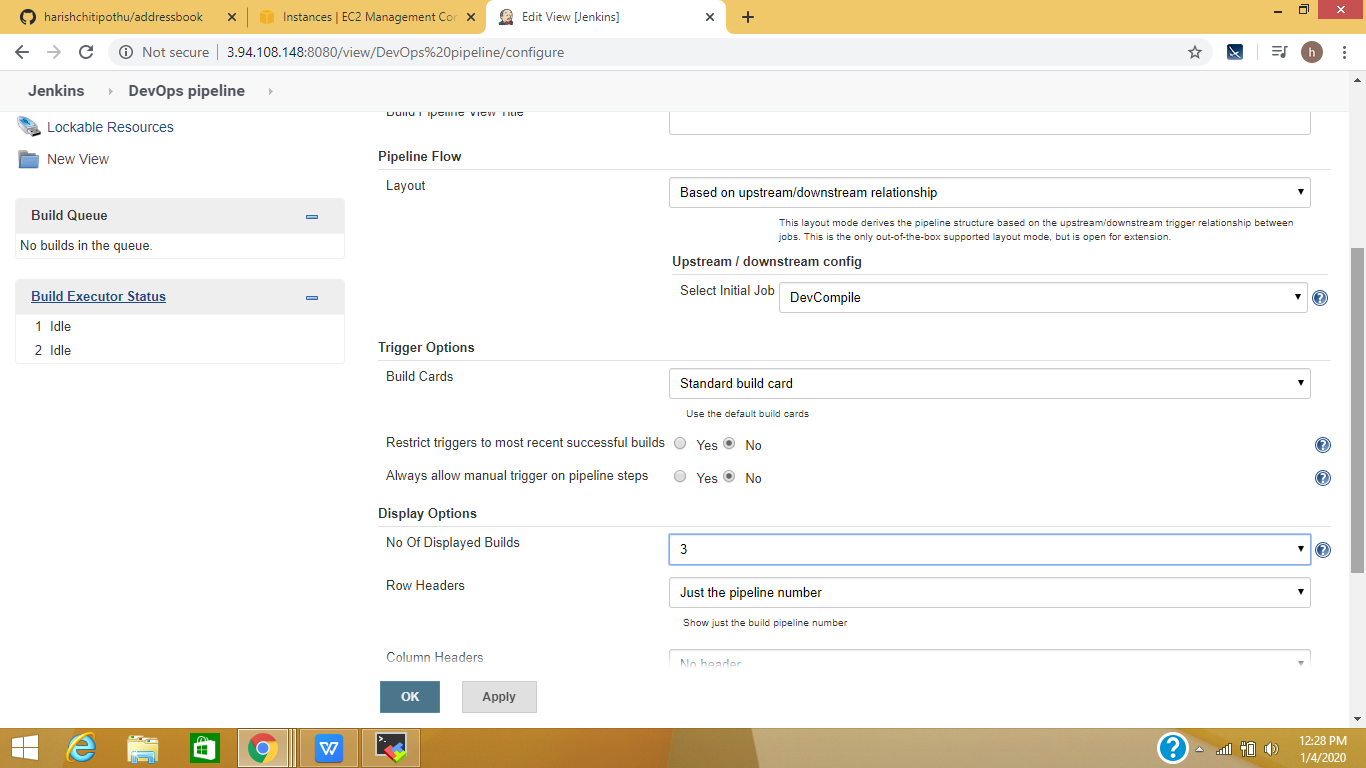


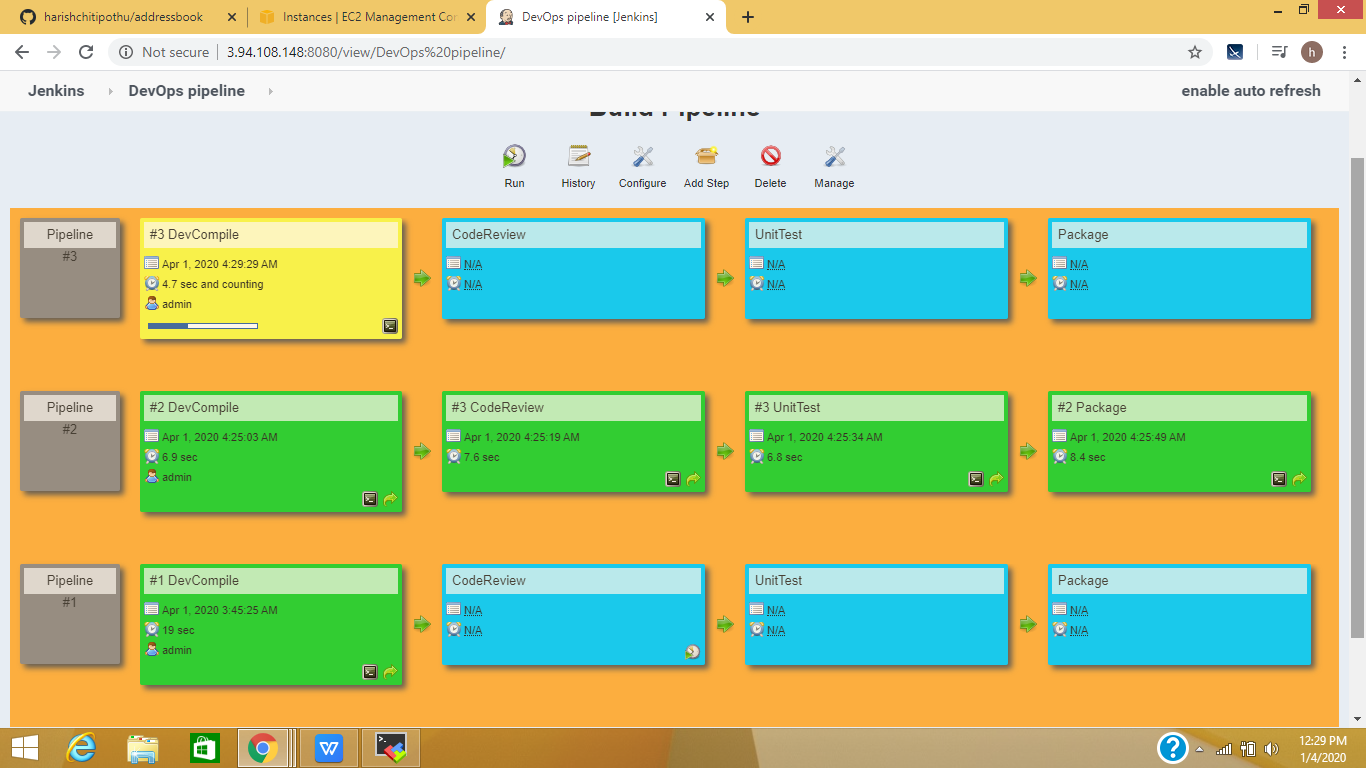
After this it’ll execute according to pipeline

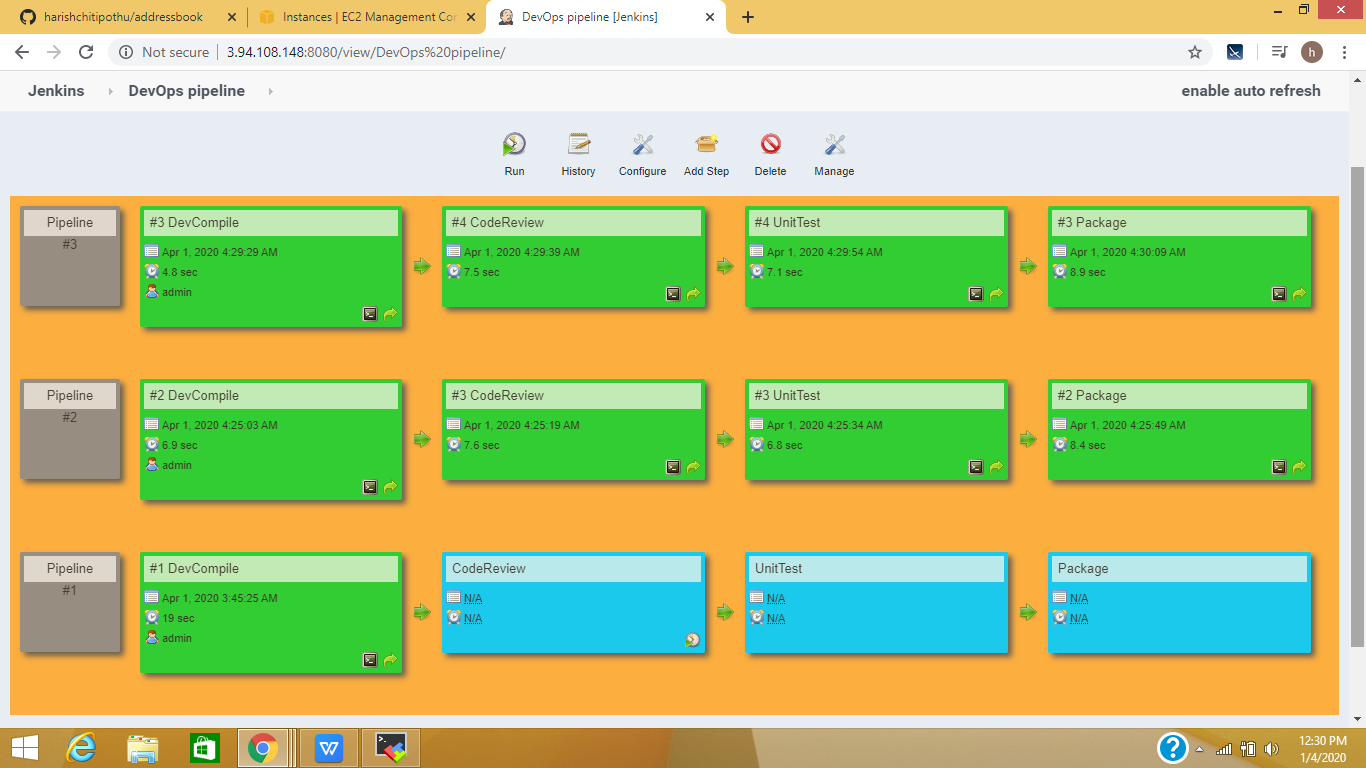
I want a pipeline view go to manage plugins and install related pipeline plugin for that



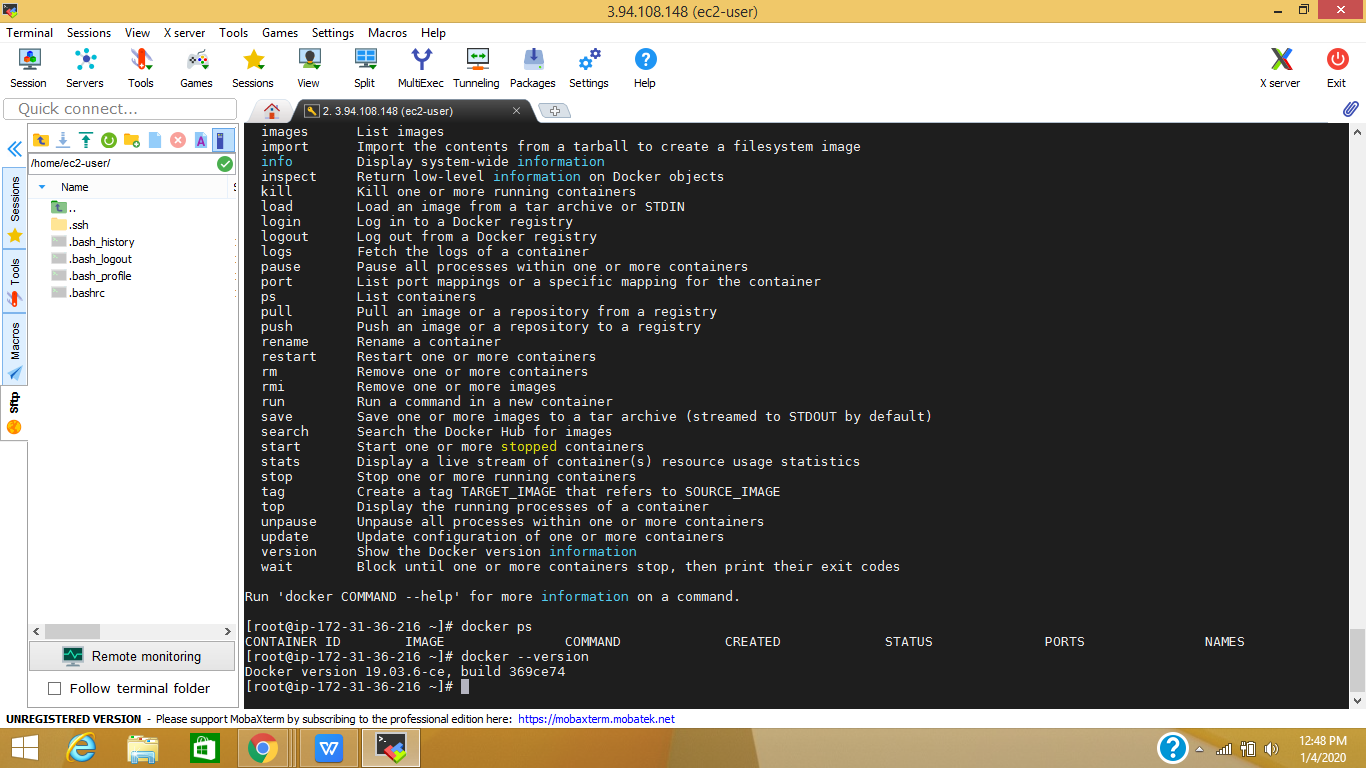






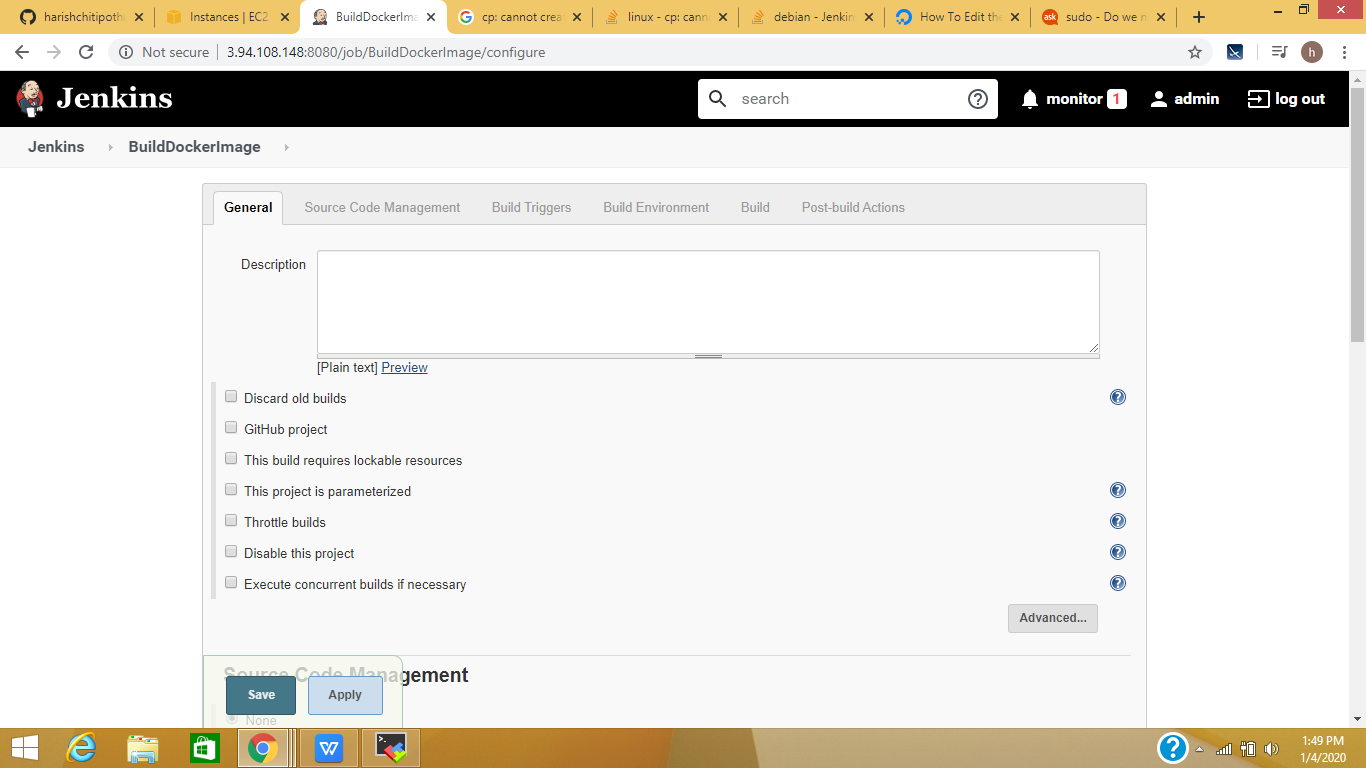


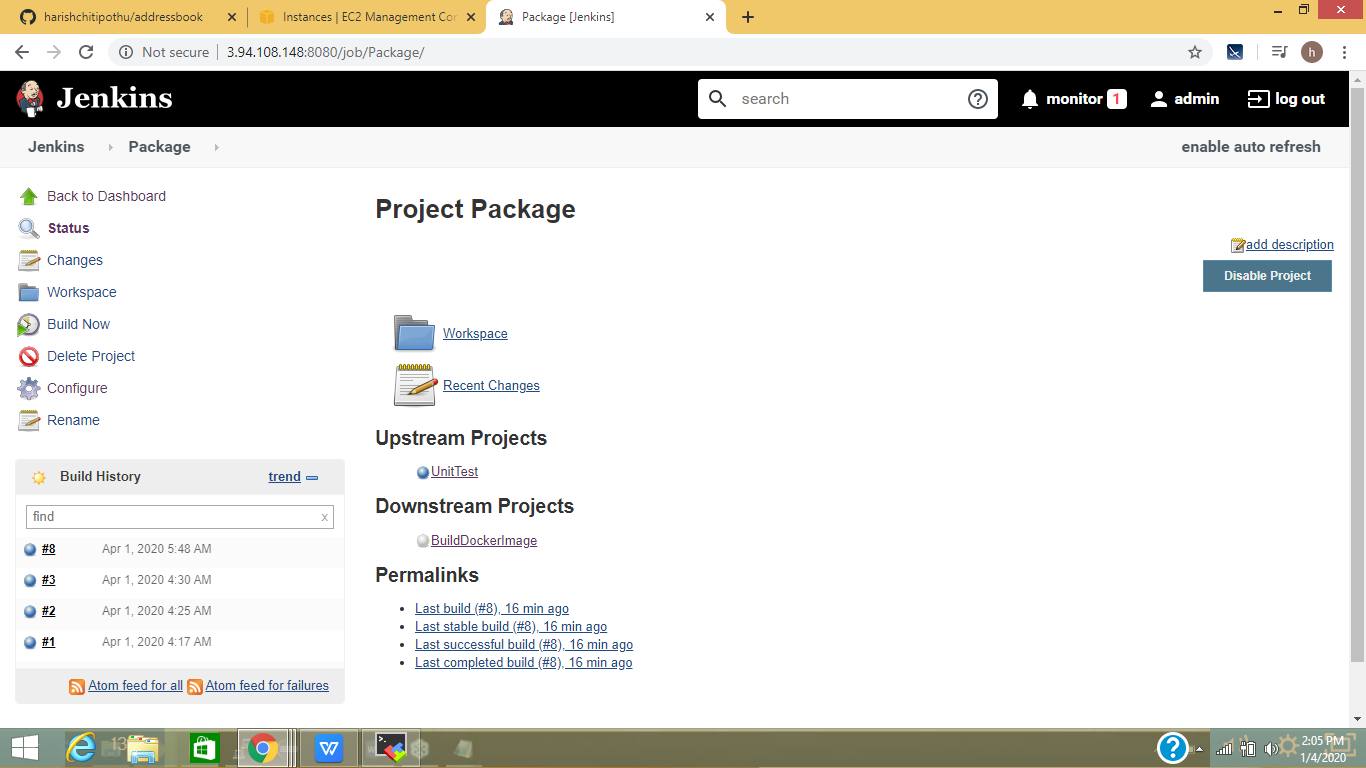
Install docker

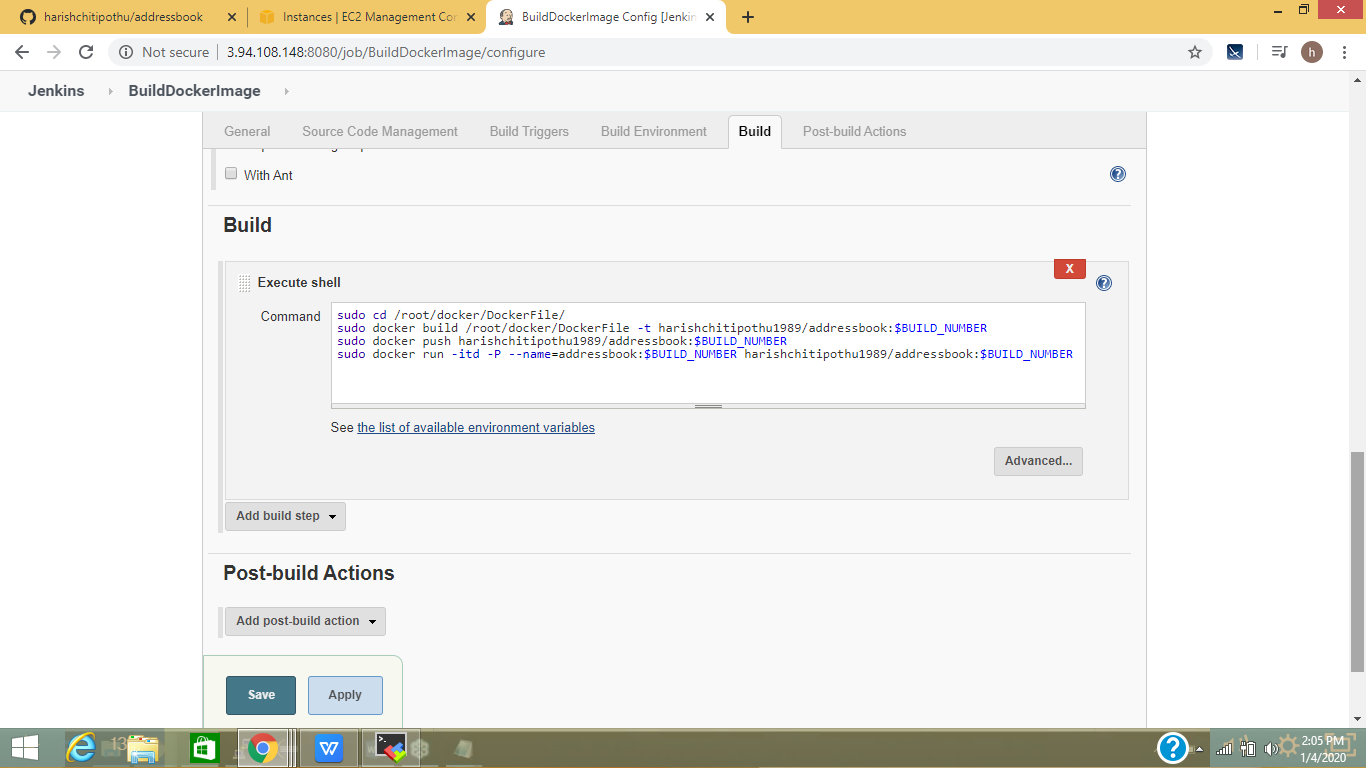


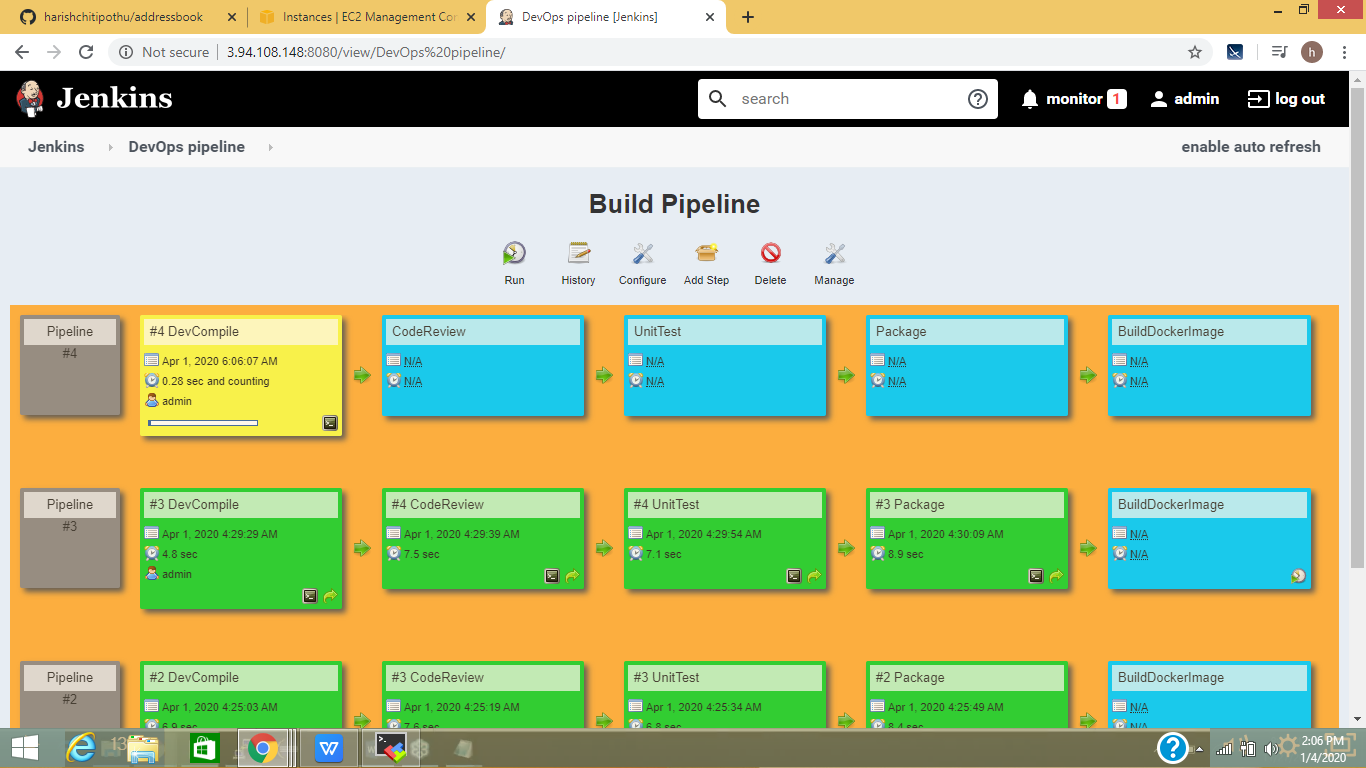
Using this job build the image and push those image to dockerhub

After execution of this job you can able to get image public from dockerhub

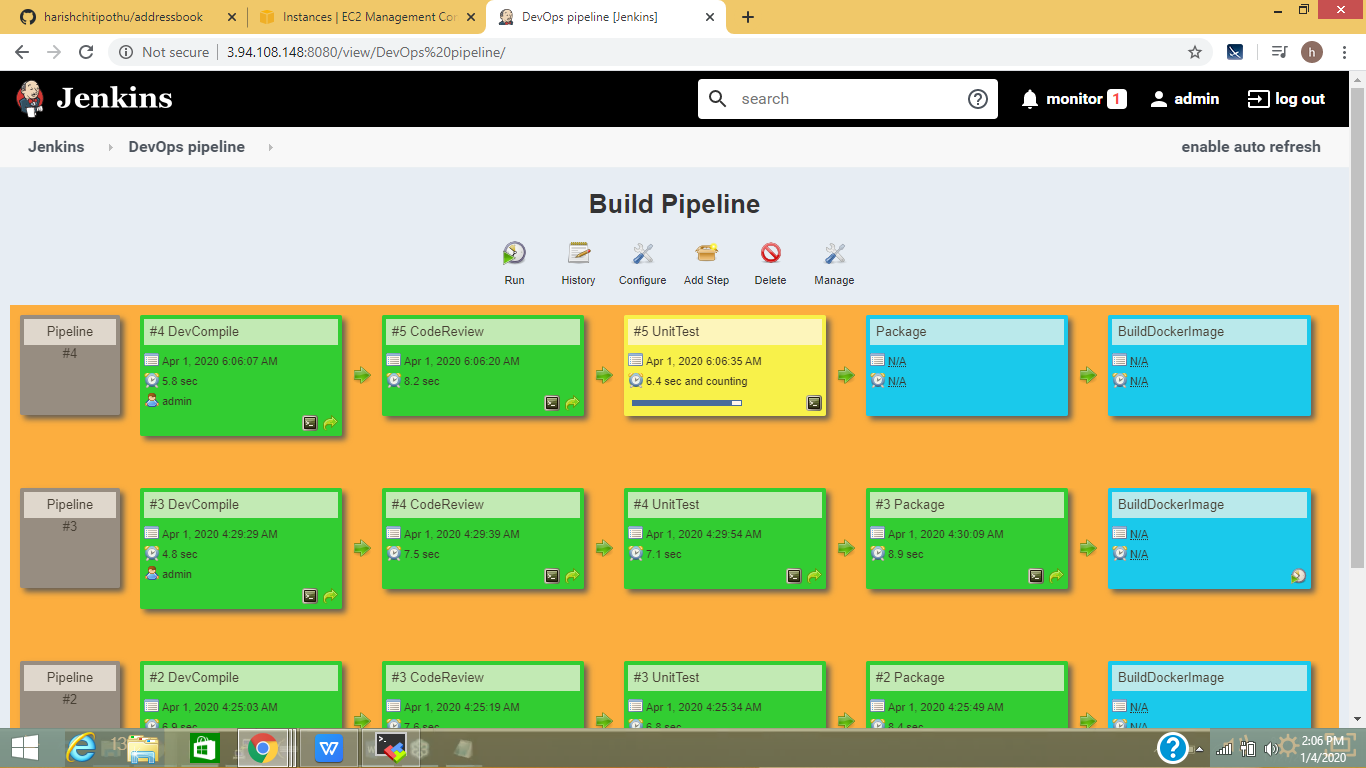


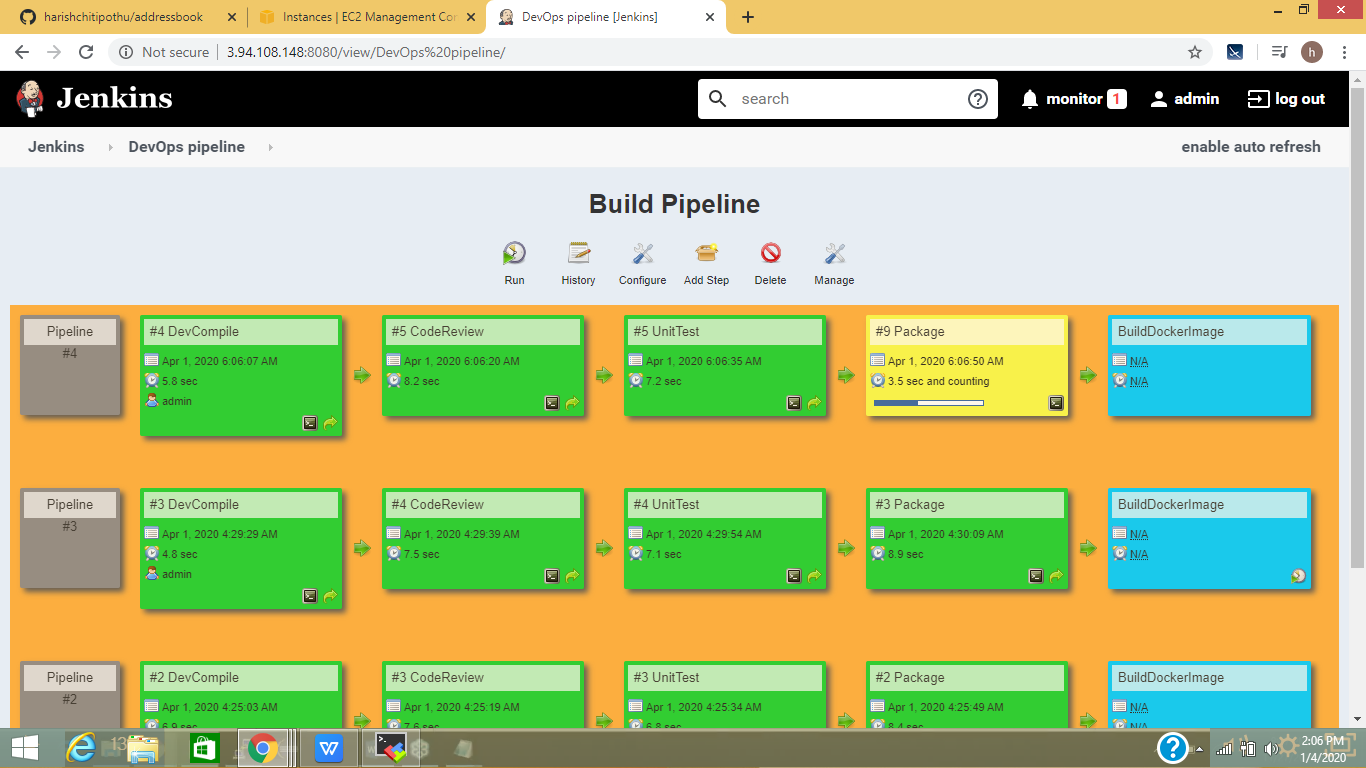


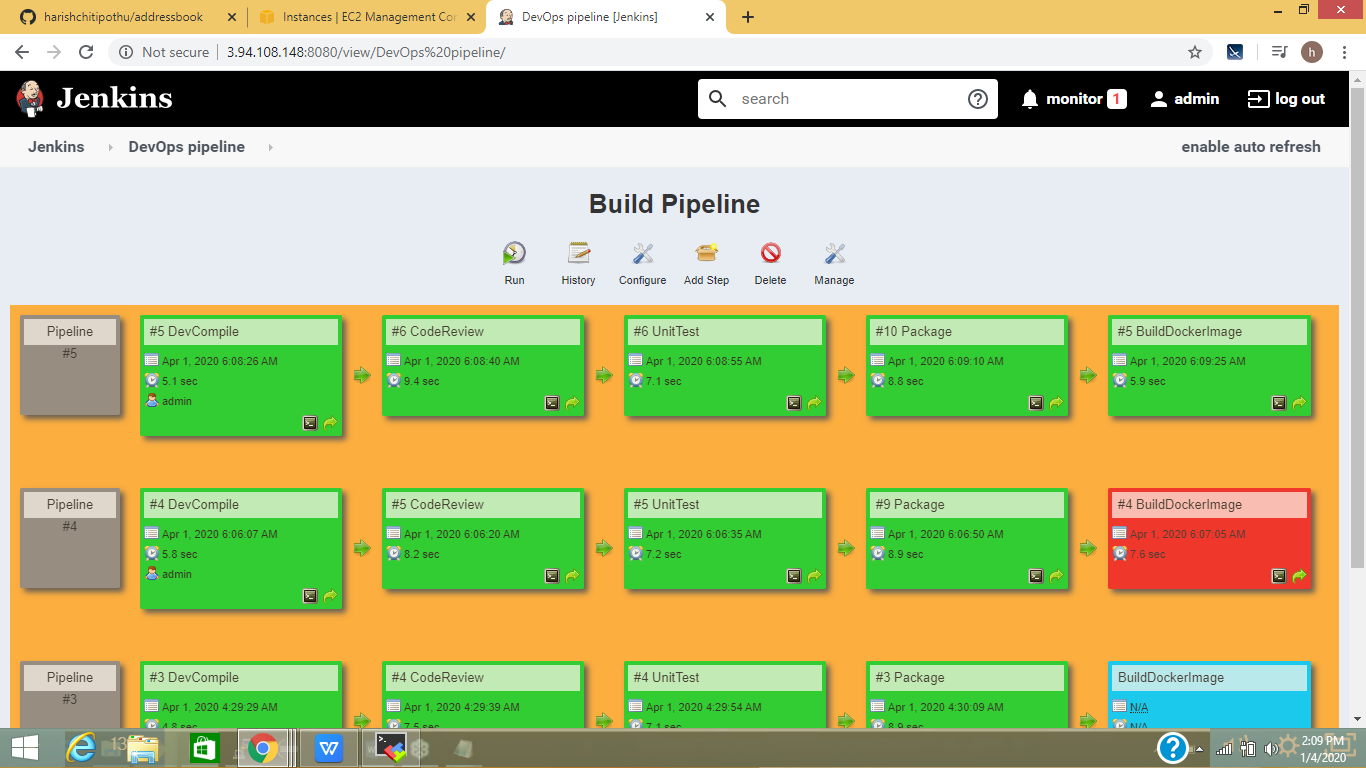


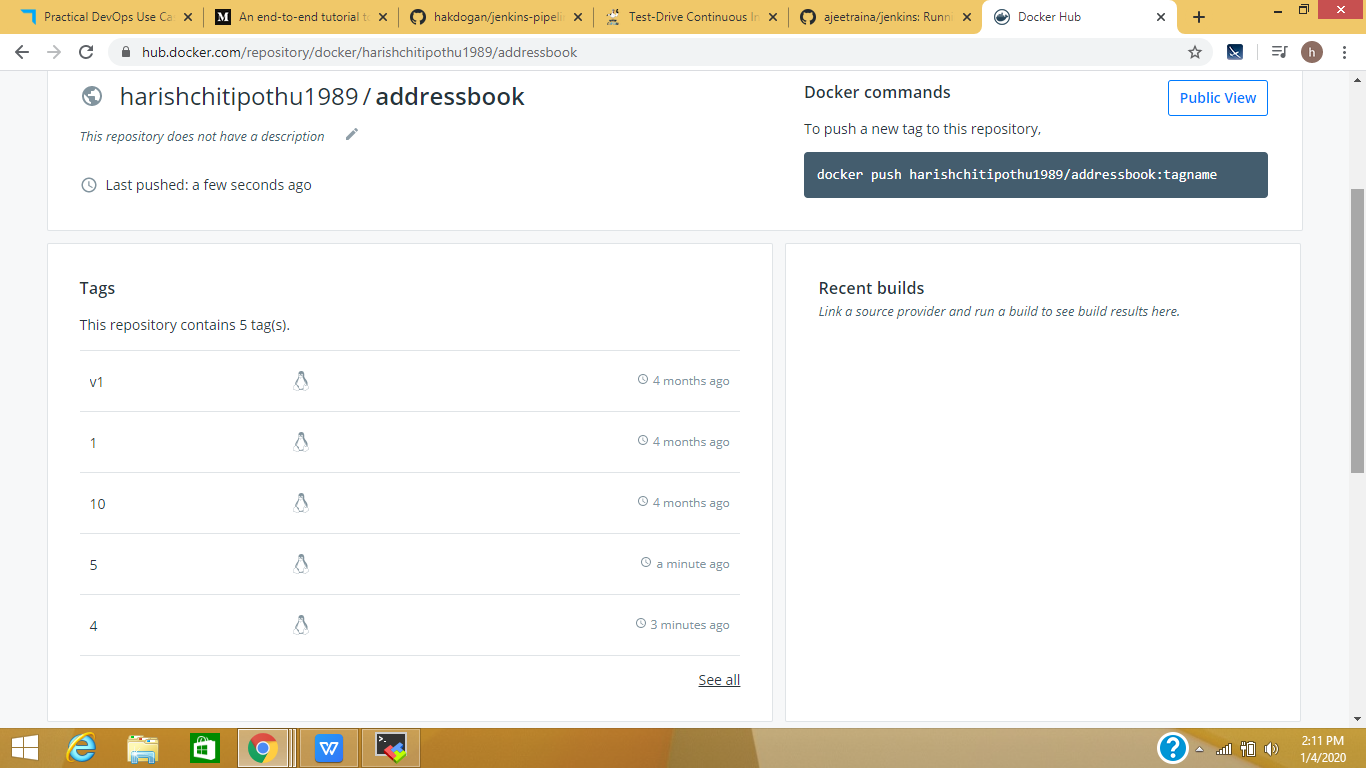




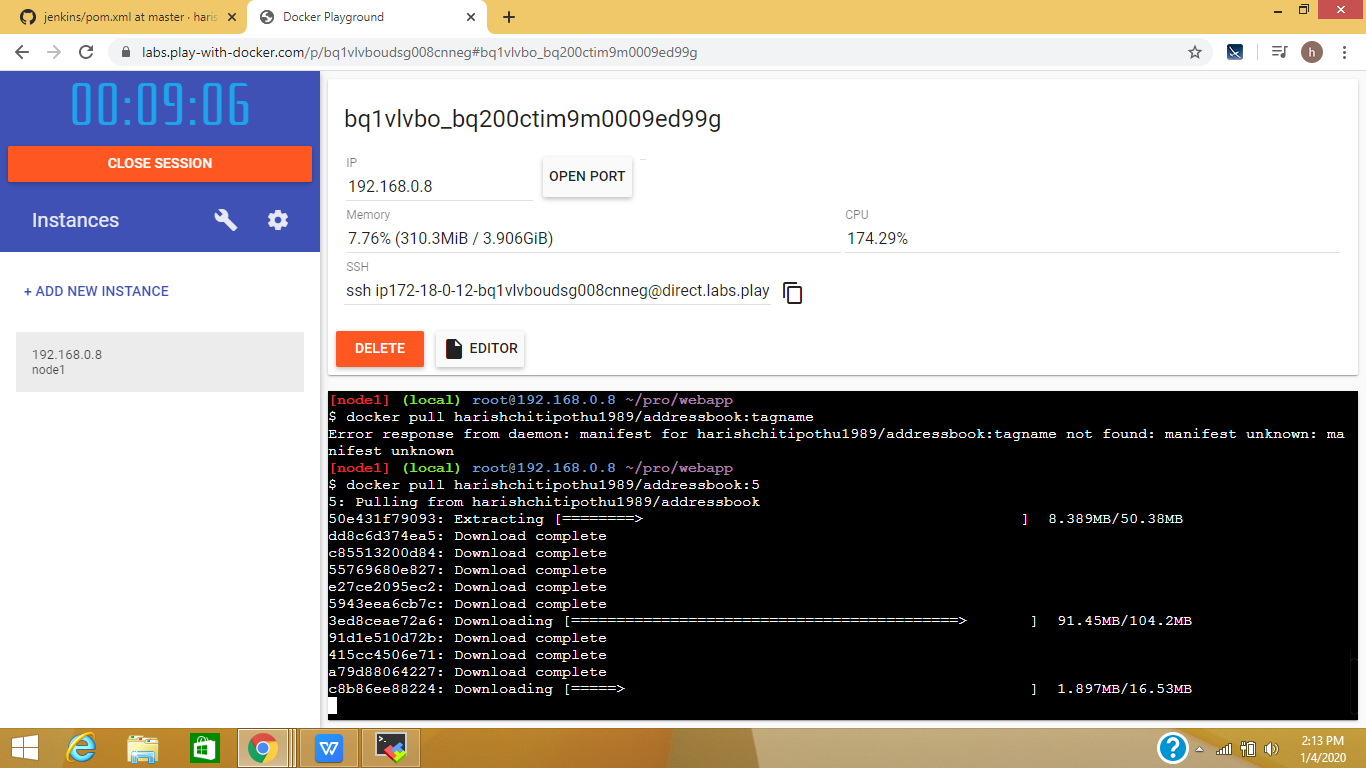


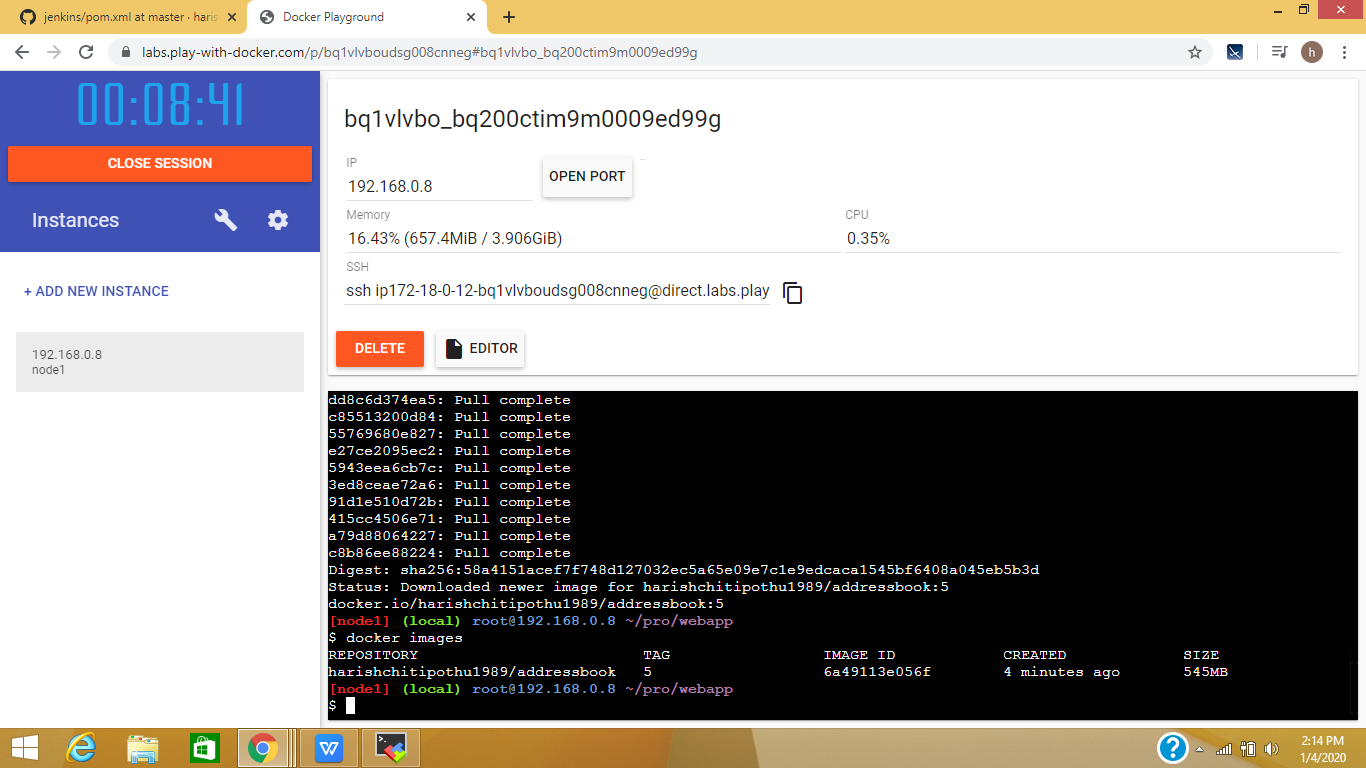


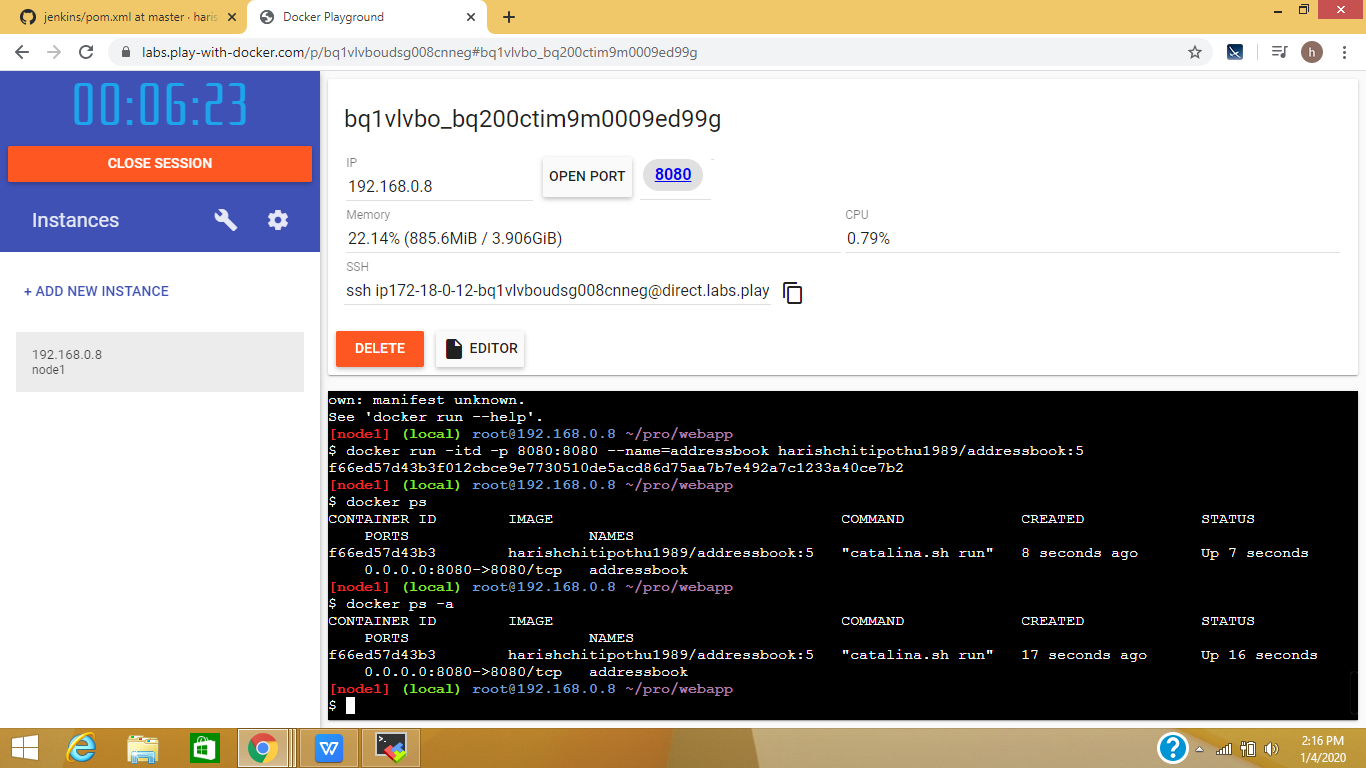


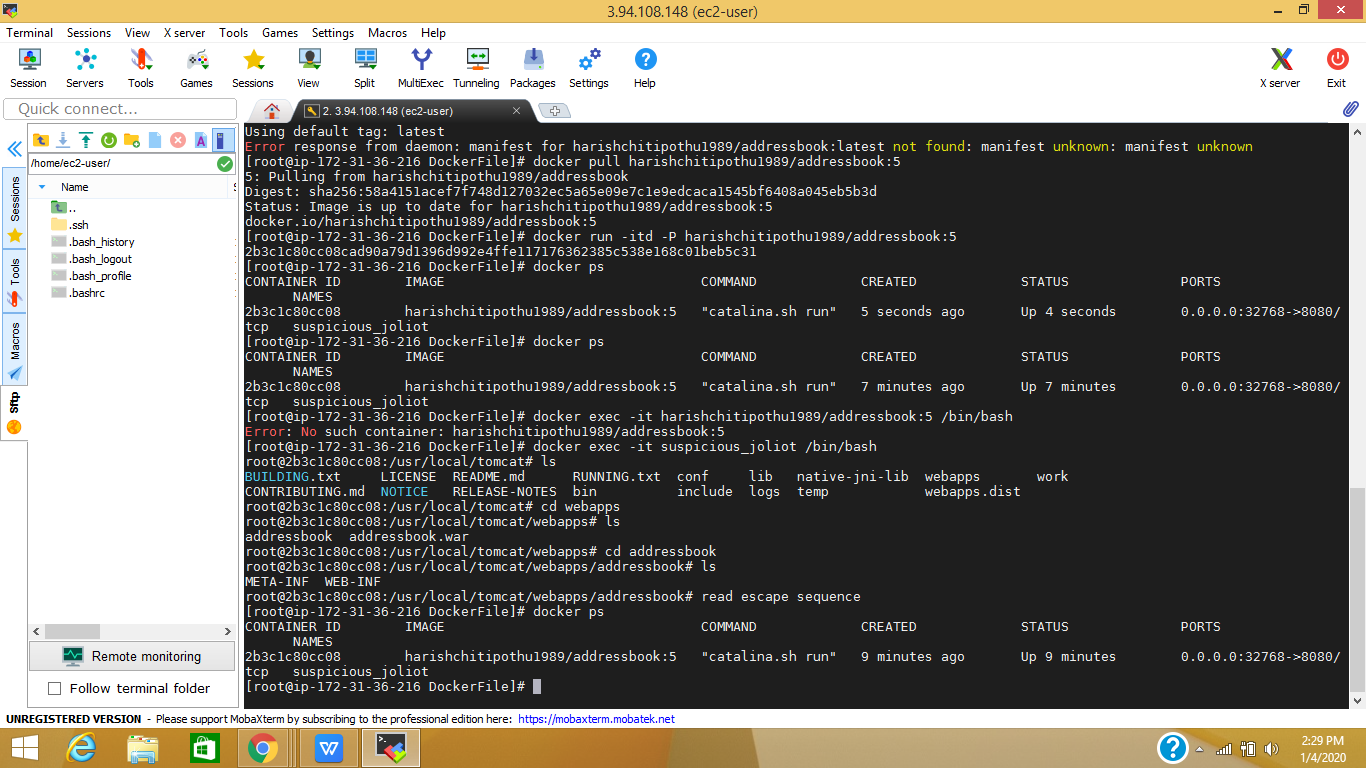


Go to play with docker website and check are you able to pull the image and able to run it or not



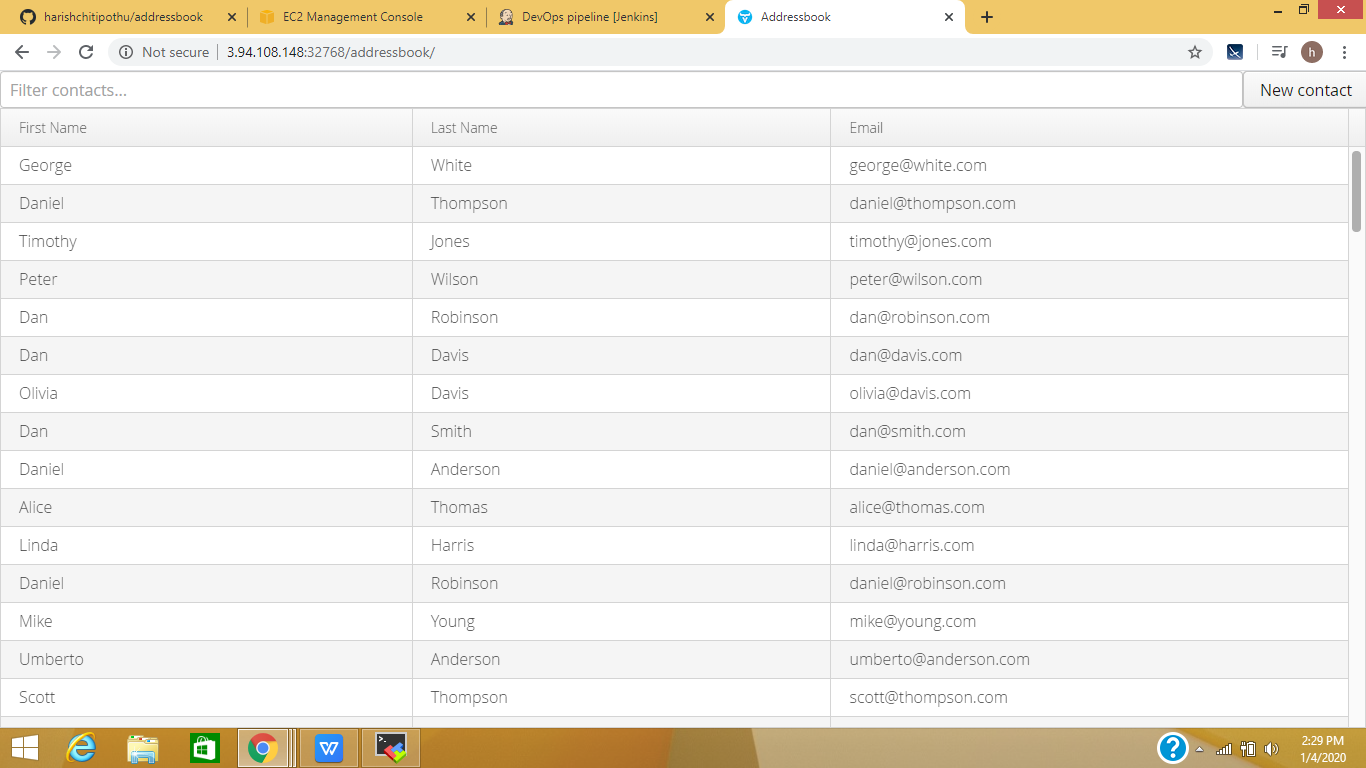






Ip address of ec2 machine x.x.x.x:32768/addressbook

You can able to view that application



Another approach is can create groovy script and place that script in Jenkins pipeline job / otherwise can put the script file in github and take that script those file and run the pipeline job

pipeline {

agent any

stages {

stage('Checkout') {

}

stage('Build') {

}

stage('Email') {

}

stage('Deployment') {

}

stage('publish html report') {

}

stage('clean up') {

}

}

}