Job Build step :

Execute shell step :

id;

hostname;

pwd;

ifconfig –a;

/usr/sbin/ifconfig –a;

free –m;

Parameterised Build :

String : var1 def =1 Enter number

String: var2 def=2 Enter Number

Build step: Execute shell

var3 = 'expr $var + $var2'

```
CLI
http:jenkins:8080/restart

add a plugin to jenkins ?

there is a job running, that needs restart ?
===>  download now and restart later

http://jenkins:8080/saferestart
--> will restart only where is no job running
```

First Job : github our project with only source code option no other steps like agile step by step.

Build Job   with out any build step

cd /var/lib/Jenkins   -----   home directory


```
root@ip-172-31-86-180:~# cd /var/lib/jenkins/
root@ip-172-31-86-180:/var/lib/jenkins# ls
config.xml                                      jobs                      secrets
hudson.model.UpdateCenter.xml                   logs                      updates
hudson.plugins.git.GitTool.xml                  nodeMonitors.xml          userContent
identity.key.enc                                nodes                     users
jenkins.CLI.xml                                 plugins                   workflow-libs
jenkins.install.InstallUtil.lastExecVersion     secret.key                workspace
jenkins.install.UpgradeWizard.state             secret.key.not-so-secret
root@ip-172-31-86-180:/var/lib/jenkins# cd workspace/
root@ip-172-31-86-180:/var/lib/jenkins/workspace# ls
firstJob  Vprofile-Build
root@ip-172-31-86-180:/var/lib/jenkins/workspace# cd Vprofile-Build/
root@ip-172-31-86-180:/var/lib/jenkins/workspace/Vprofile-Build# ls
ansible   pom.xml  README.md   src
root@ip-172-31-86-180:/var/lib/jenkins/workspace/Vprofile-Build#
```

Second job : github our project with build step as install

Now we will get error when executing mvn install since we don't have maven here.