**Jenkins:**

1. Download Jenkins .war file (https://jenkins.io/download/)
2. Open CMD type java –jar including path of jar file or type java –jar drag and drop .war file in cmd and press Enter

Eg: java –jar (.war file)

1. Jenkins will take time to execute wait till the Jenkins fully run

Will get a message i.e Jenkins is fully up and running

NOTE: Don’t close the cmd window till Jenkins working

1. To verify Jenkins running properly , open browser and type <http://localhost:8080> if it is working fine it will open dashboard of Jenkins.

\*\* By default Jenkins port number is 8080

1. **Now configure Jenkins:**
2. Click on manage Jenkins in dashboard
3. Click on configure systems in manage Jenkins
4. Click on JDK installation

Type:

JDK\_NAME: JAVA\_HOME

JAVA\_HOME: jdk path(ur java jdk path from local disk c)

Eg: C:\Program Files\Java\jdk1.7.0\_17

Un check install automatically in same JDK Section

1. Go to jenkins location section

give system email address :

[xyzzz@gmail.com](about:blank)

[(sender](about:blank) email )

1. Go to Email notification section

Type:

SMTP Server:smtp.gmail.com

Click on advanced:

Check the use stamp authentication

Give username as gmail id and type password

Check use SSL

SMTP port number as 465

Give reply address as any Email Id

1. Click on Apply and save
2. Configuration of Jenkins done
3. Open Eclipse IDE create new Project write selenium scripts and create testng.xml file.
4. Open project home directory by clicking on project->properties->copy path
5. Inside project home directory create one folder name it as lib in that copy all selenium 2.46 jar files and selenium 2.46 server standalone jar file.
6. Now open another cmd to run testng.xml file
7. In cmd navigate to project home directory to run testng.xml file
8. Cd \Users\Hp\workspace\ Batch7ModularFrameJenkins
9. Set the class path for bin and lib folders

As below shown:

set classpath=C:\Users\Hp\workspace\ Batch10ModularFrameJenkinsprac\bin;C:\Users\Hp\workspace\ Batch10ModularFrameJenkinsprac\lib/\*;

1. To run testng.xml file from cmd command is :

Java org.testng.TestNG testng.xml

1. Now we have to create batch file to configure Jenkins with selenium scripts.
2. Open notepad type as shown below

Java –cp bin;lib/\* org.testng.TestNG testing.xml

Save the file as “run.bat” in ur project home directory.

1. To run the batch file double click on run.bat file
2. Open Jenkins dashboard click on new item

Give item name and click on project style

Click on configure

Move to advanced project options in that click on advanced

Select use custom workspace

In Directory give project home directory path

1. Click on add build step select execute windows batch file
2. Give command as run.bat (batch file name)
3. Click on post build notification give email id and check the first option send email for every build unstable
4. For Schedule we have to use corn pattern

i.e \*\*\*\*\* (five stars)

\* 0-59 mins

\* 0-23 hrs

\* 1-31 days

\* 1-12 months

\* 0-6 (day in a week)

Eg: for every min \* \* \* \* \*

For 11 : 58 am: 58 11 \* \* \*(daily 11:58 am build will execute)

1. For scheduling go to build triggers in configure

Click on build periodically and give corn pattern

Click on save and apply

1. If u want to execute build manually click on build execute or wait for schedule time.