**JENKINS(POM-maven(selenium))**

**Jenkins cant support TestNG.xml it will take all commands frm pom**

Continues integration tool (scheduling the test cases execution----jobs)

the leading open source automation server, Jenkins provides hundreds of plugins to support building, deploying and automating any project.

In a project every employee have different tasks and all of thm save their scripts in a common repository of the project and v need to execute that repository every time whn it is updated or every day/particular time thn that will b done by Jenkin

Employee systems -----🡪 repository server --🡪 integrate with JENKIN

JOB---------🡪Jenkins will invoke the testcases form repository server for the execution @a particular mentioned time every day/week/month

**INTEGRATING JENKINS with the project**

Download the Jenkins(war file)

<https://jenkins.io/download/>

command prompt

move to it directory D:

D:\> cd drivers\jenkins

D:\drivers\jenkins>java -jar jenkins.war

Wait until it shows Jenkins is fullyup and running

In the Browse  <http://localhost:8080>

Install file system plugin

Manage Jenkins---manage plugin—available---file system SCM—install without restart

Manage Jenkins----configure system---

Add jdk---uncheck (install automaticall)

JDK name any name(jdk)

JAVA\_HOME C:\Program Files\Java\jdk1.8.0\_71

same wt we gave at maven v should give that here also

Add maven-----uncheck (install automaticall)

Maven name any name(jdk)

MAVEN\_HOME D:\drivers\apache-maven-3.5.0

smewt we gave at maven v should give that here also

apply--SAVE

**CONFIGURE THE PROJECT WITH JENKINE which u want to EXECUTE**

Create a job

Create new jobs-----item name(project name)—maven project—ok

Project—properties---path copy

File system- paste the path

apply—SAVE

Jenkins home—project---build now(to execute project)---build history(test results)

**TO SCHEDULE THE JOBS**

Project in jenkin---configure---build periodically---formula (5digits formula mints,hrs,months DOM,DOW--day of month/week)

apply—SAVE