**JENKINS**

Java –jar Prathap.jar –server.port=8086

* Java Application
* Used for CI/CD

**Installation:**

* Download Jenkins standard file
* Place in a folder
* Install.

**After Open Jenkins:**

* Go to Manage Jenkins
* Manage Plugins
* Type maven in search (Install TestNG result also )
* Select all maven related plugins
* Install
* Again go to Dashboard
* Go to new Item
* Now you can see maven project
* Now enter your item name “Free CRM Test”.
* Select maven Project
* Ok
* Description
* Source code management 🡪 None
* Build Triggers
* In Build Click on Tools Integration
* Another page will open
* Click On “Maven”
* Give name
* Apply and save
* Go to back page
* Enter your pom.xml file location from Eclipse
* Enter “clean install” in goals and options
* Select testing result in “PostBuild Actions”
* Apply and save
* And Click on BuildNow

**Jenkins integration with GIT (SCM):**

**Parallel Execution:**

**Pipeline Setup:**

Pipeline is nothing but It divides the whole job into few different phases.

* Series of steps which orchestrates work required to build, test, deploy applications.
* They are defined in a file called Jenkins file which is stored in the root of the project repository