Architect Academy Talent Transformation

DEVOPS PROFESSIONAL CERTIFICATION PROGRAM

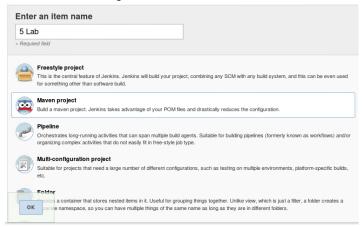
Lab − 5 : Build Processing − Jenkins + Git/Gitlab+Maven

- > Create Maven Project using plugins Example, Jar & war
- Construct simple JUnit code and understand assert statements & Reports
- ➤ Create Maven Project in Jenkins and configure SCM + Maven
- ➤ Use Test Results Analyzer plugin to track test reports
- > Execute maven goals (tasks) and track build history

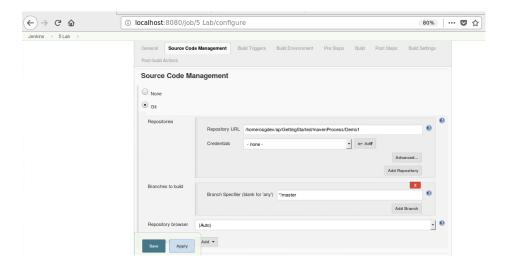
Explore

- > Explore Build history
- > Explore Test reports history
- > Explore logs

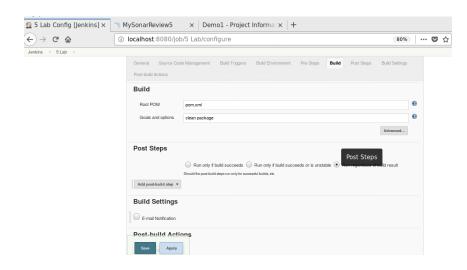
- 1. Generate maven project (jar/war)
- Create Jenkins Job Maven Project



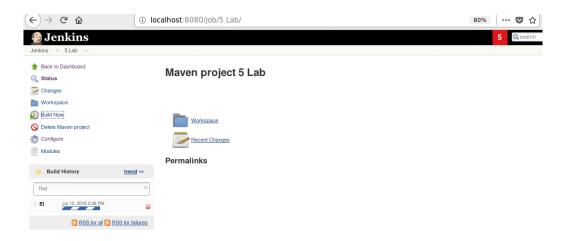
• Configure SCM – with git local repository path



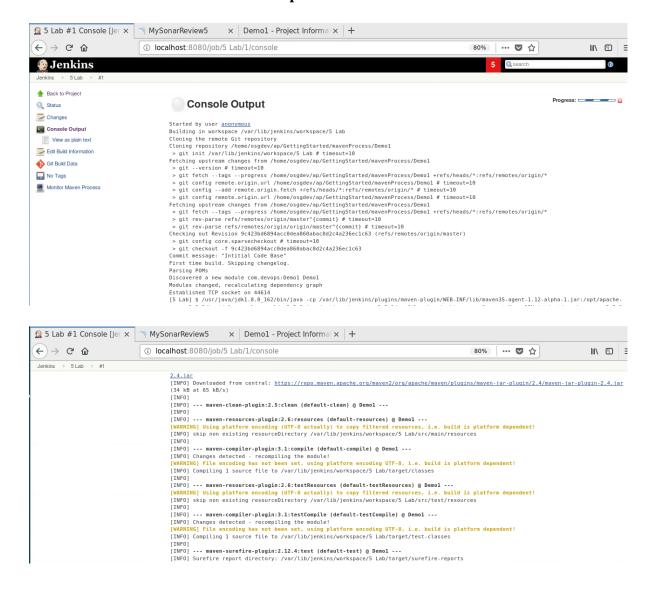
• Configure Build with maven valid goal(s) (Example: clean package)



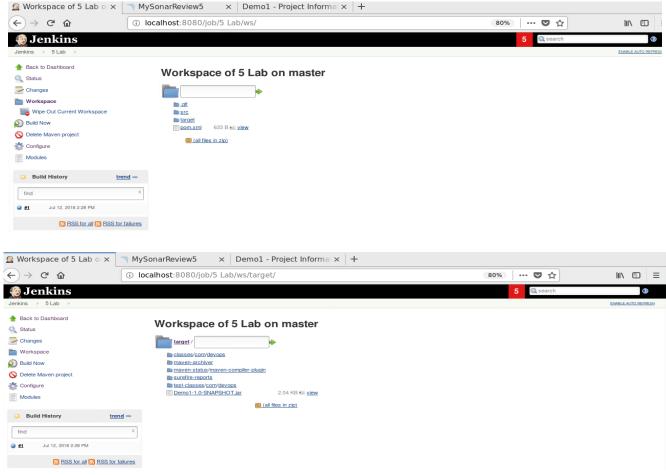
• Save Configuration and Build by selecting "Build Now"



Observe and understand build process on Jenkins Console



• Browse workspace and view folder/files



- Walkthrough test reports using "Test Results Analyzer"
- Repeat build process by changing goal and observe the response with history.

Note: Explore use of executing sequence of maven goals / build step for one or more branches, use of pre-step & post-step. Distinguish freestyle & Maven project.