### Module 3: Plugins and its uses

**Case Study Solution** 

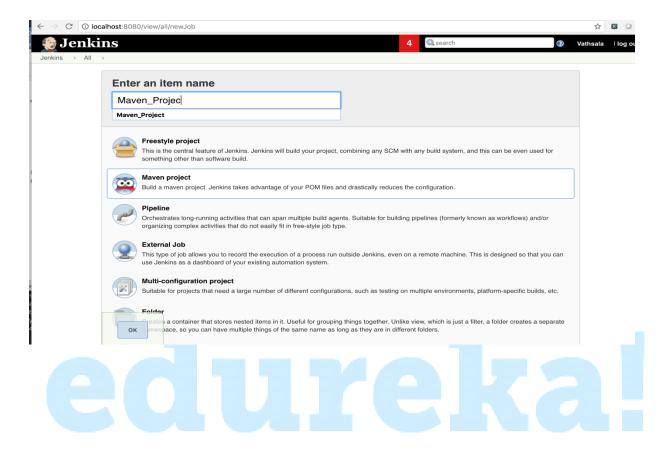
## edureka!



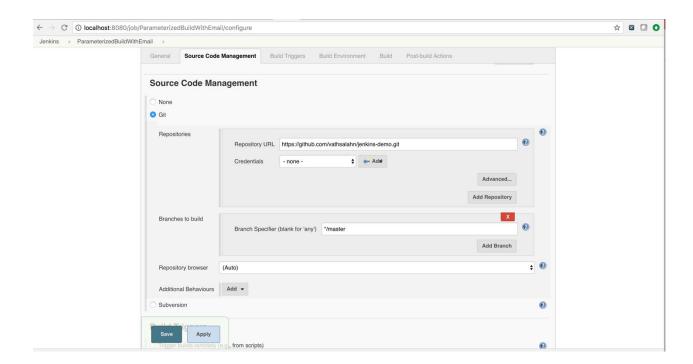
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### **Case study Solution**

Step 1: Create a Jenkins "Maven Project" and name the project



**Step 2**: Enable "Git" in Source Code Management and Provide the repository url (<a href="https://github.com/edureka-devops/jenkins-demo.git">https://github.com/edureka-devops/jenkins-demo.git</a>)

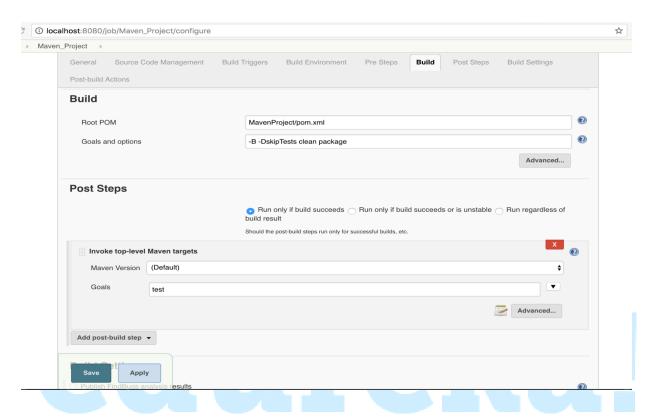


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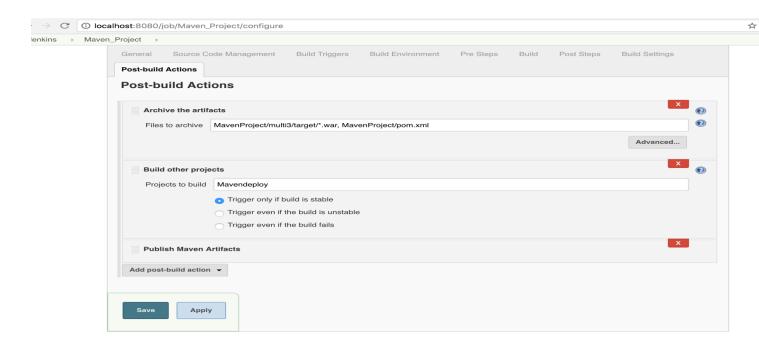
Step 3: Enable the Build Environment to "Delete workspace before build starts"



**Step 5**: In Build select run the maven script by giving the path of pom.xml (MavenProject/pom.xml) and set Goals and Options to "-B-DskipTests cleanpackage"

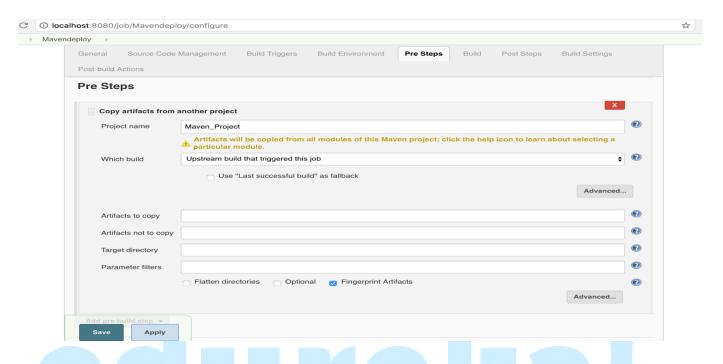


**Step 6**: Update the Post-build Actions to archive the generated artifacts and trigger a downstream job for deploying the archived artifacts.

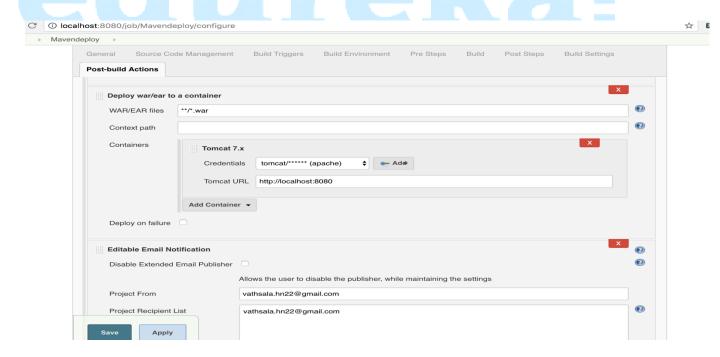


#### Step 7: Apply and save the job

**Step 8**: Create a new maven job for deployment and copy the artifacts archived in the previous job under pre-steps.



Step 9: Upload the artifacts to a webserver (tomcat) and trigger an email to notify the status.



**Step 10**: Upon triggering the job, the execution has to be success and a report regarding disk usage has to be generated as below.

