**Lab: Maven Project**

**Pre-Requisites: -**

1. Git Repository with the code to be deployed should be available. The git repo to be used in training: <https://github.com/LovesCloud/java-tomcat-demo-app> Please fork the repo in your GitHub account.

***Steps To Follow:***

1. Click on **New Item**
2. Enter **Name** such as <yourname>\_multiconfigproject
3. Select Multi-Configurationproject
4. Click **OK**
5. Under Source Code Management section, Select **Git** radio button
   1. Enter Repository URL - <Git repo>

*(Note: Git Repository URL is the one forked as part of prerequisites)*

1. Under Build Triggers section, Select **GitHub hook trigger for GITScm polling** checkbox
2. Under Configuration Matrix section, Clcik **Add Axis** and Select **JDK**
3. Out of multiple JDK checkboxes, Select **any or JDK 9** checkbox
4. Click on  **Add Axis**  again and Select  **Slaves**
5. Under Slaves section, Click on  **Internal Nodes + sign**
6. Select Master and your slave checkboxes
7. Scroll down, Under **Build**  section, Click **Add Build Step**, Click  **Invoke top level Maven targets**
8. Select **Maven Version** as maven 3.5.4
9. Enter **Goals** asclean package
10. Click  **Save**
11. **Configurations** as master and your slave name is shown on Right side.
12. Click on **Build Now**
13. Build will be triggerred and on right side ,Under **Configuration** heading, it will show two parallel builds running. One on master and another on slave.
14. Click on the Build #
15. Click on **Console Output**
16. Console Output shows that Job has ran on two servers i.e master and slave with the JDK version as selected.
17. It should display the Finished status as **Success**
18. Click on  **left navigation->Back to Project**  link
19. You can see the log of builds by clicking on Master and Slave links given under  **Configurations** heading in Right Panel.