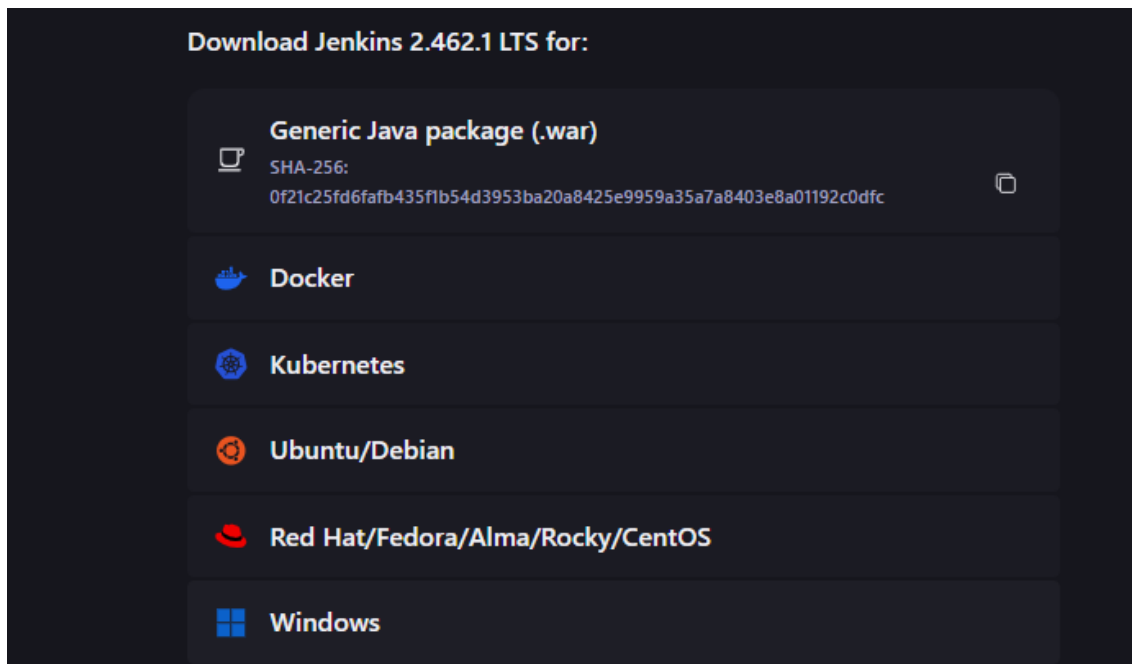# Experiment No. 4

Procedure :
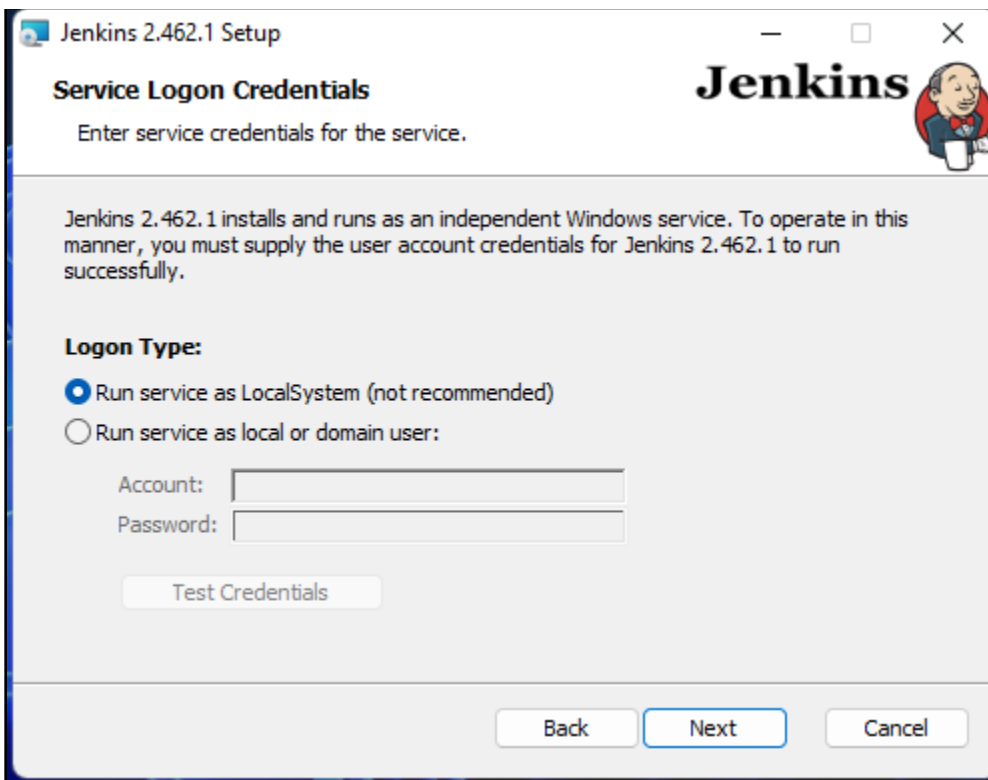
Step 1 : Go to jenkins.io
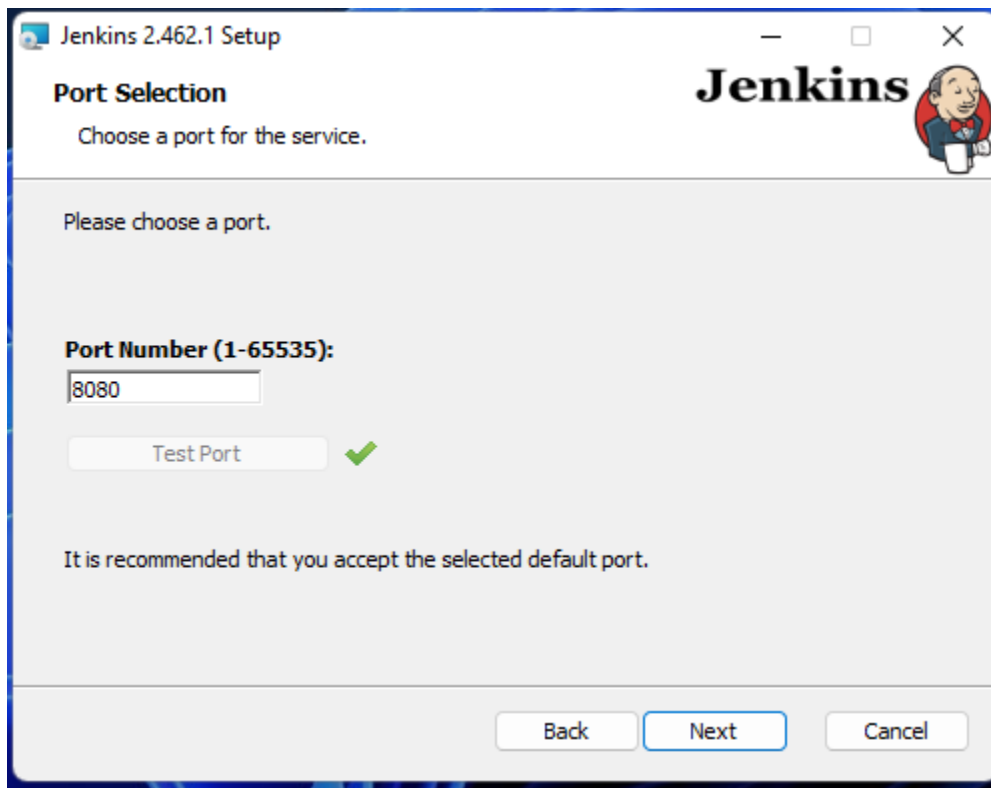

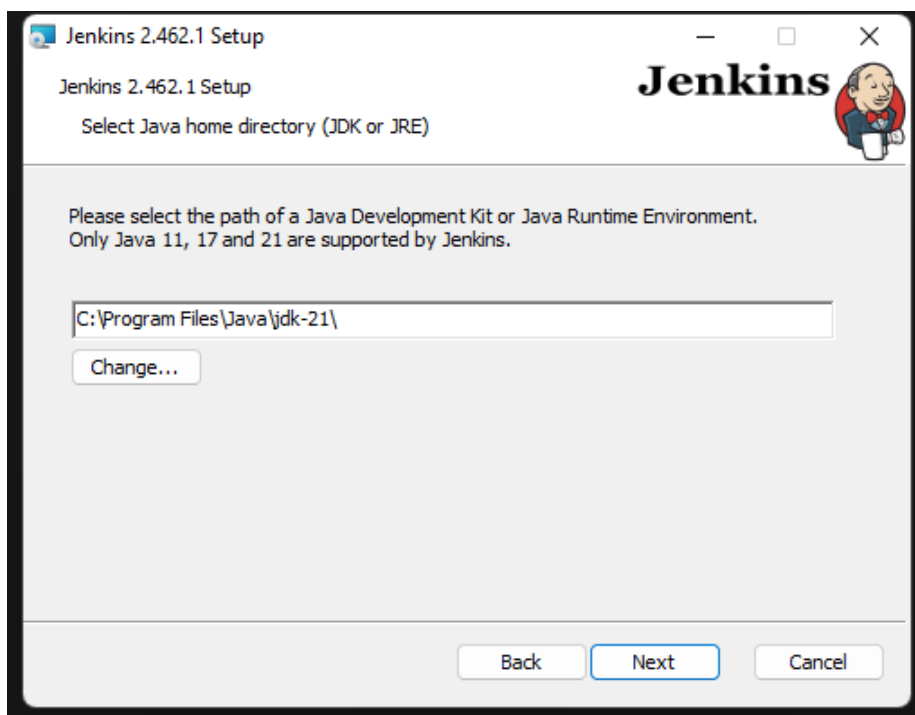Step 2 : Download Jenkins.

Step 3 : Start Jenkins setup.
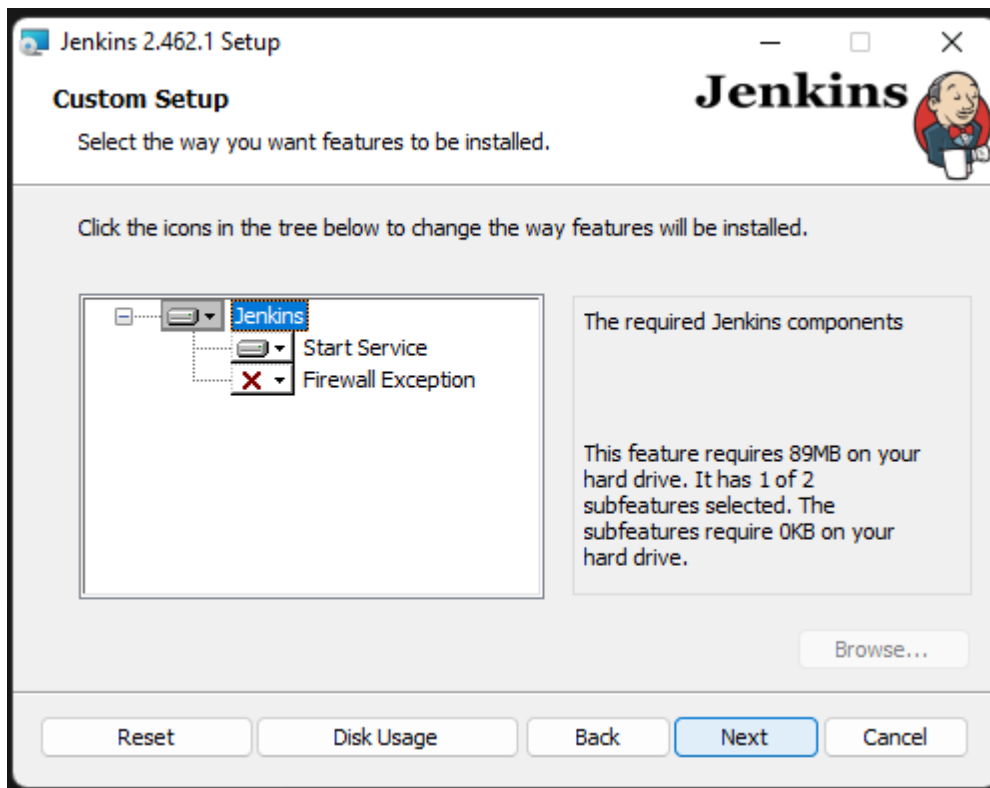

Step 4 : Run service as LocalSystem.
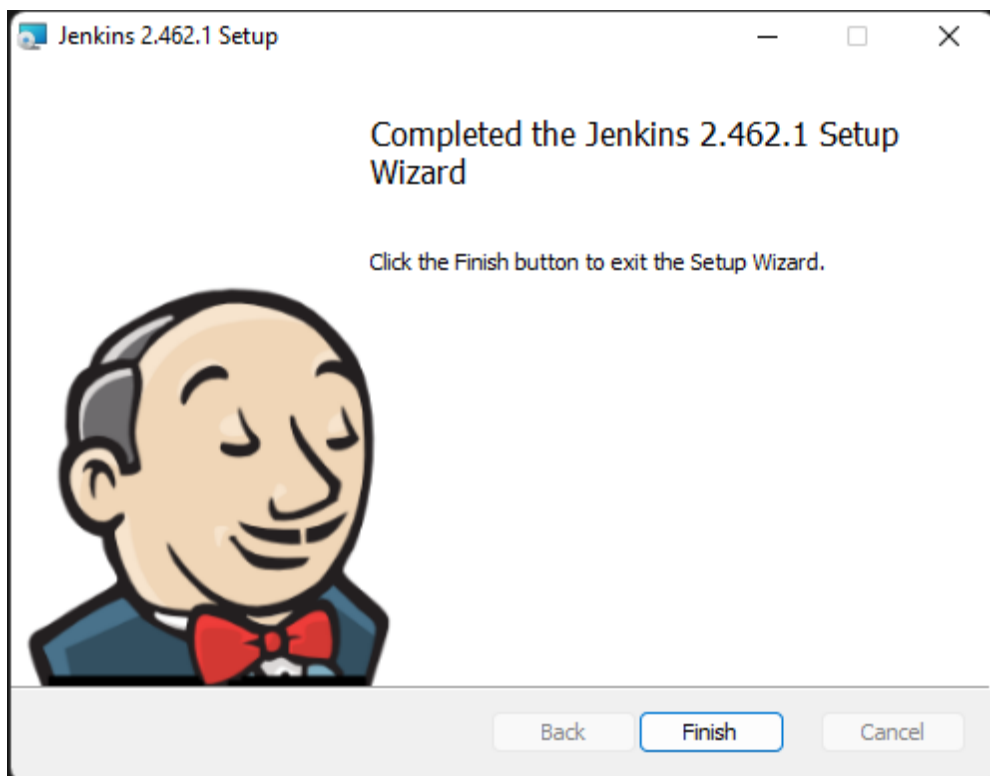
Step 5 : Port number 8080.

Step 6 : Set JDK path.
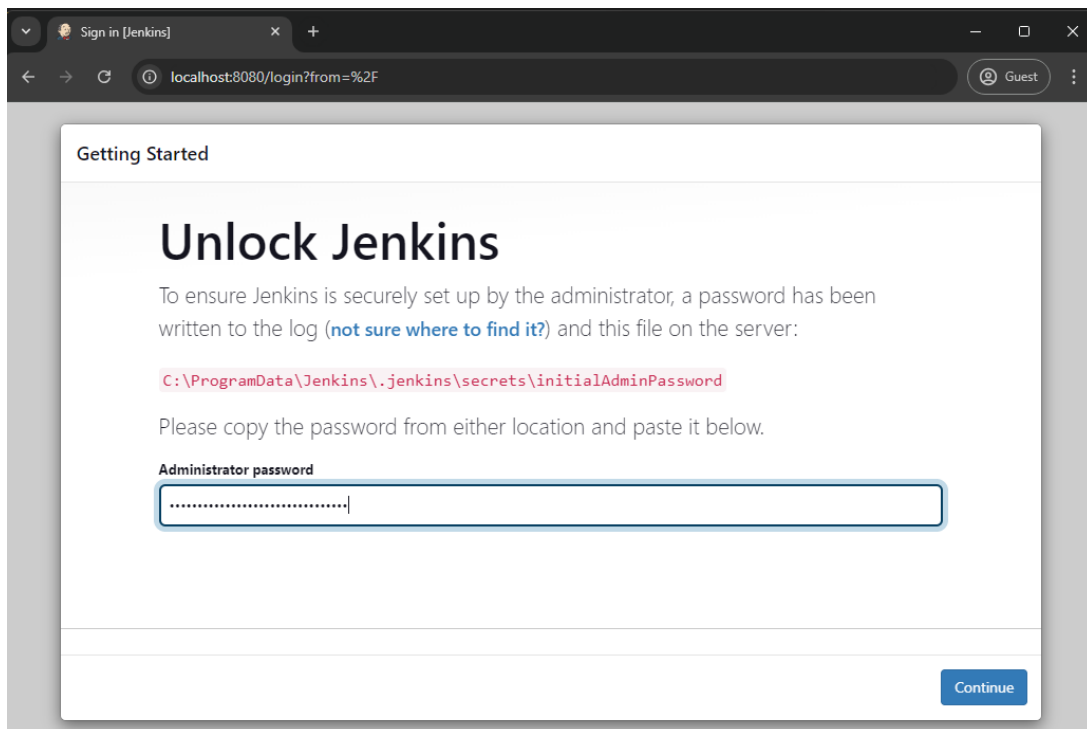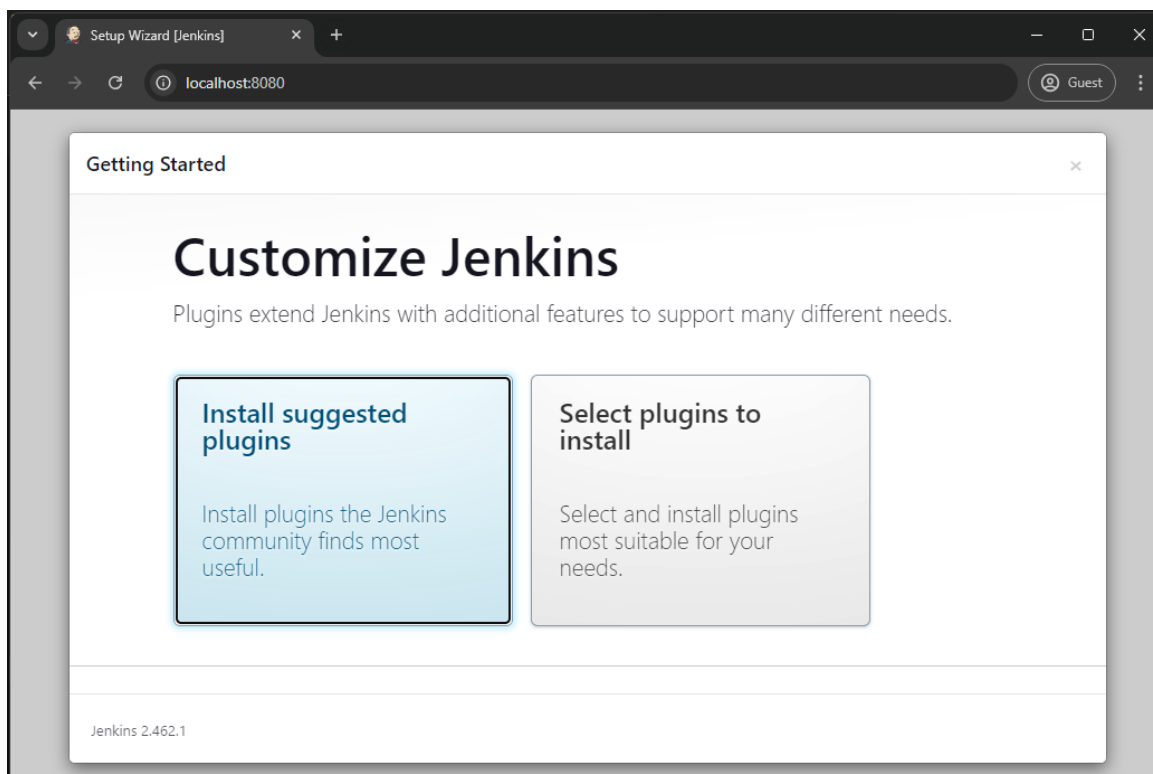
Step 7 : Click on next and install.

Step 8 : Jenkins setup is completed.

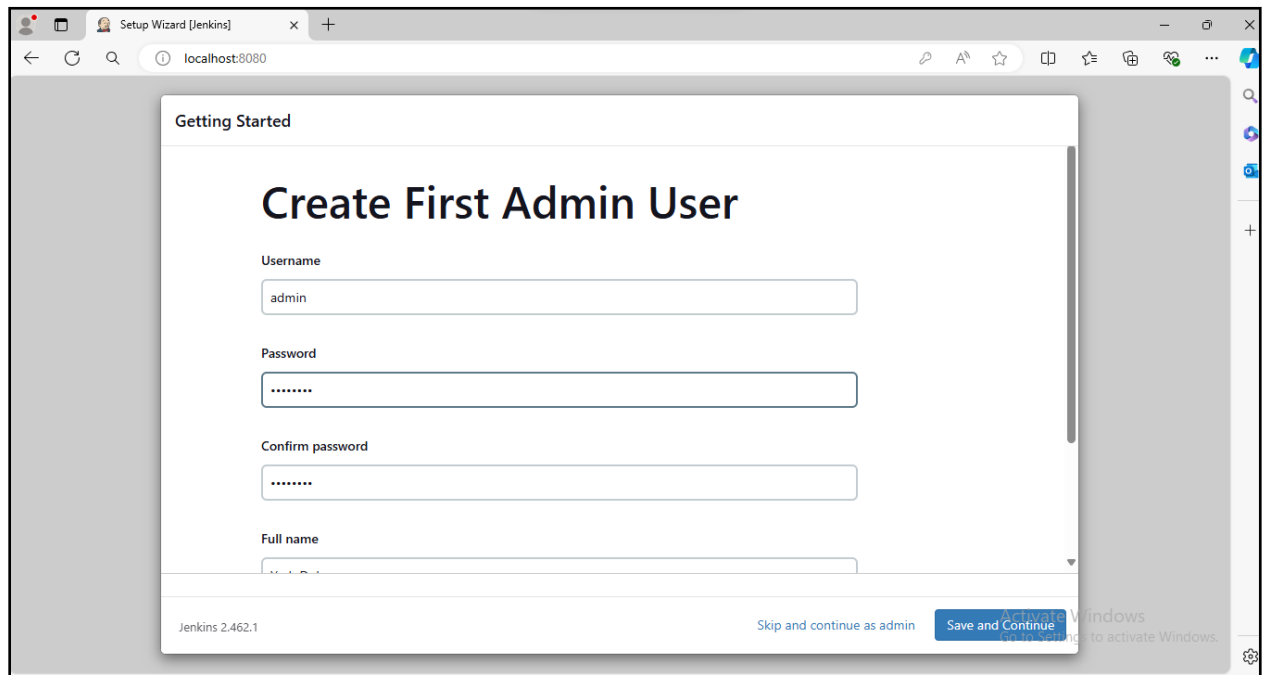## Step 9 : Get password from the path and unlock Jenkins.

Step 10 : Install suggested plugins.

Step 11 : Create User.

Step 12 : Configure instance.
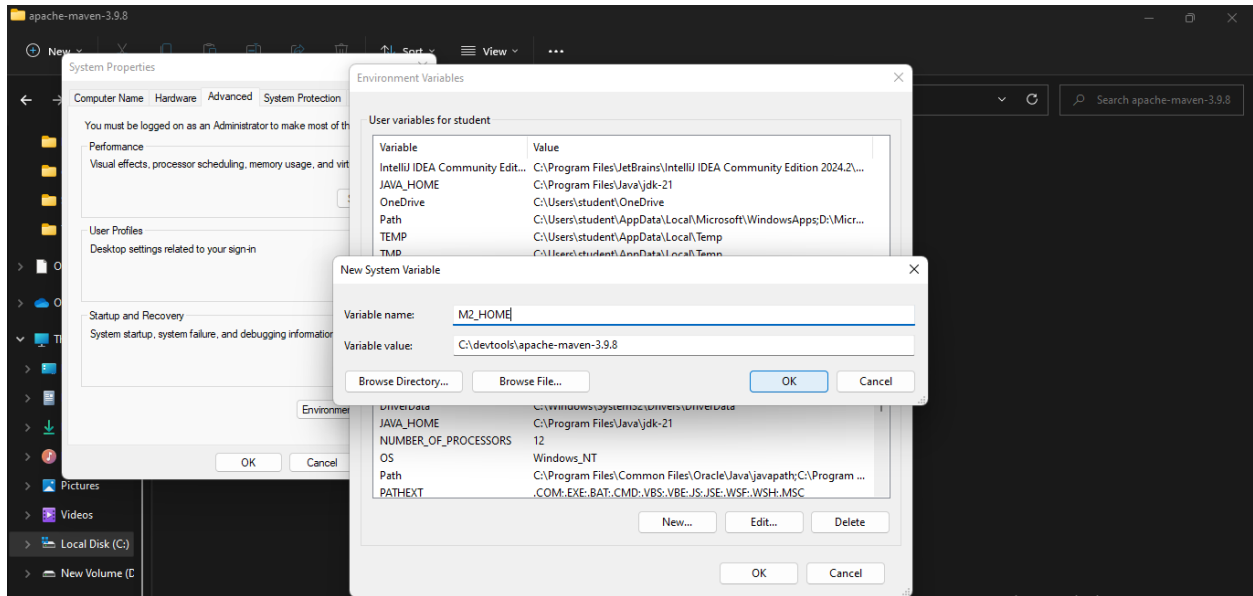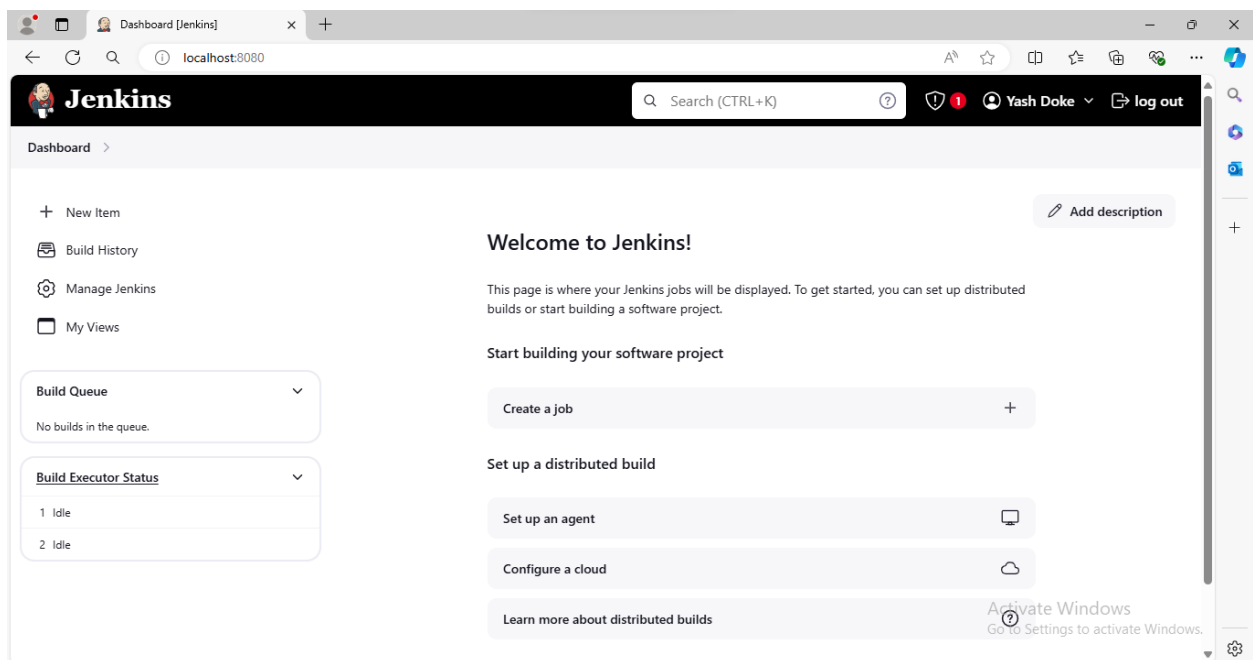
Step 13 : Jenkins is ready.

Step 14 : Download Maven.
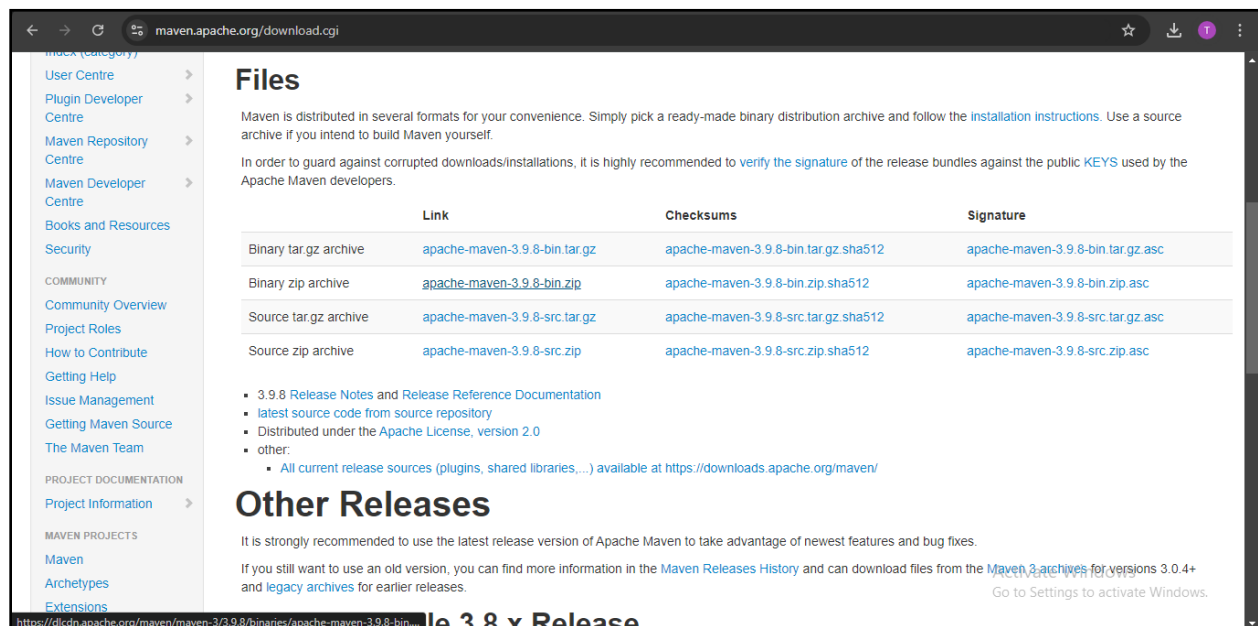
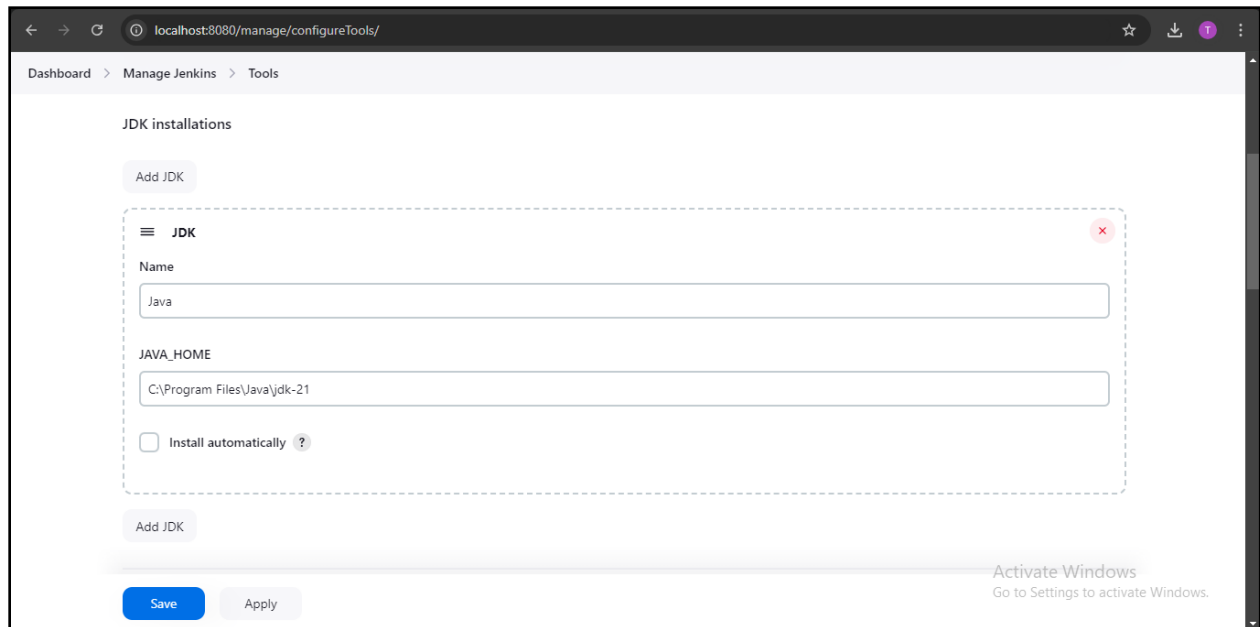**Step 15 : Extract it in new folder devtools, then set environment variables.**

Step 16 : Jenkins dashboard.

Step 17 : Configure JDK path in Jenkins.

Step 18 : Configure Maven path in Jenkins.

Step 19 : Click on new item, enter item name and select maven project.
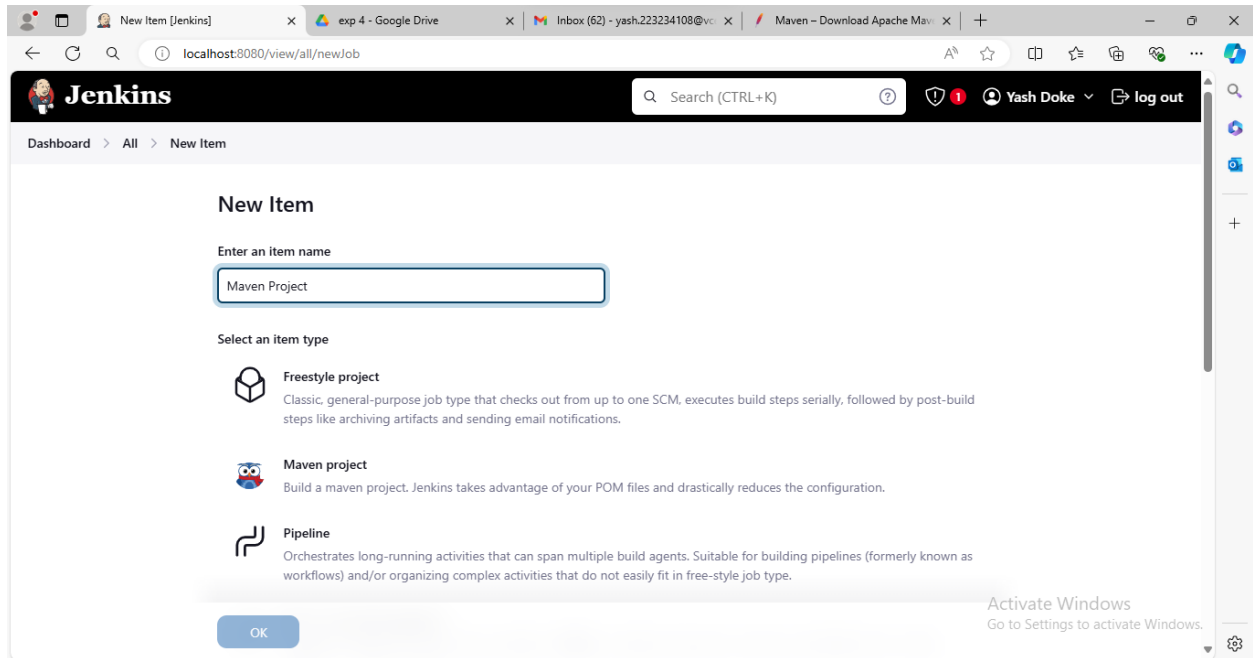
Step 20 : In project configuration, add a GitHub repository.

Step 21 : Click invoke top-level maven targets.
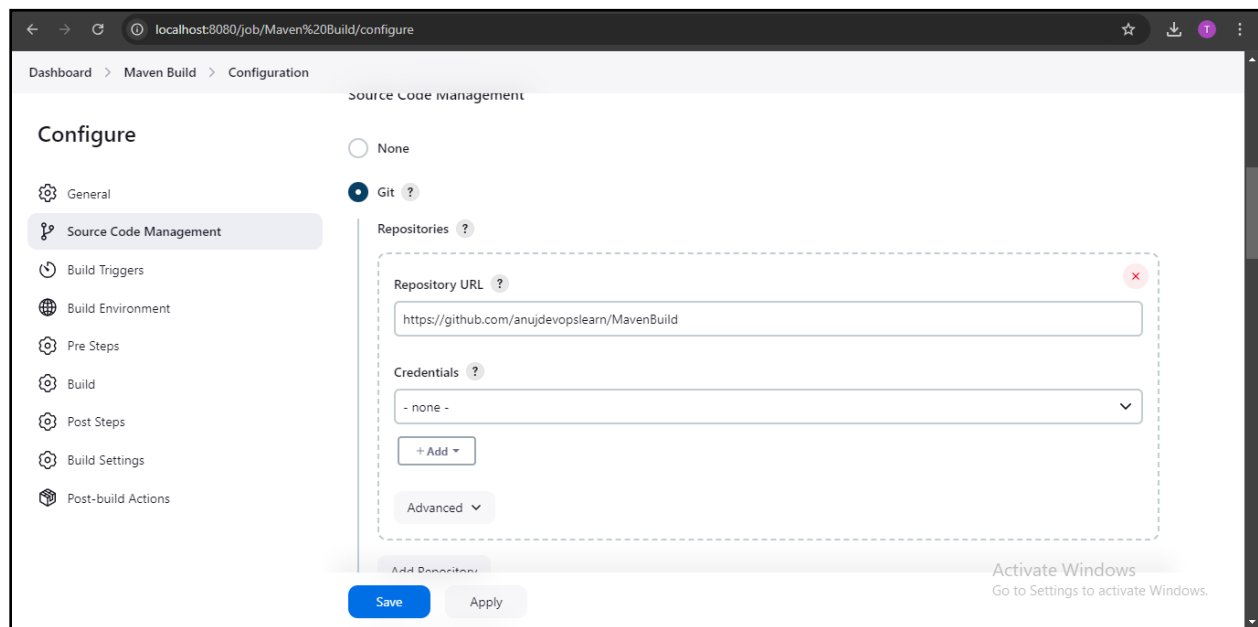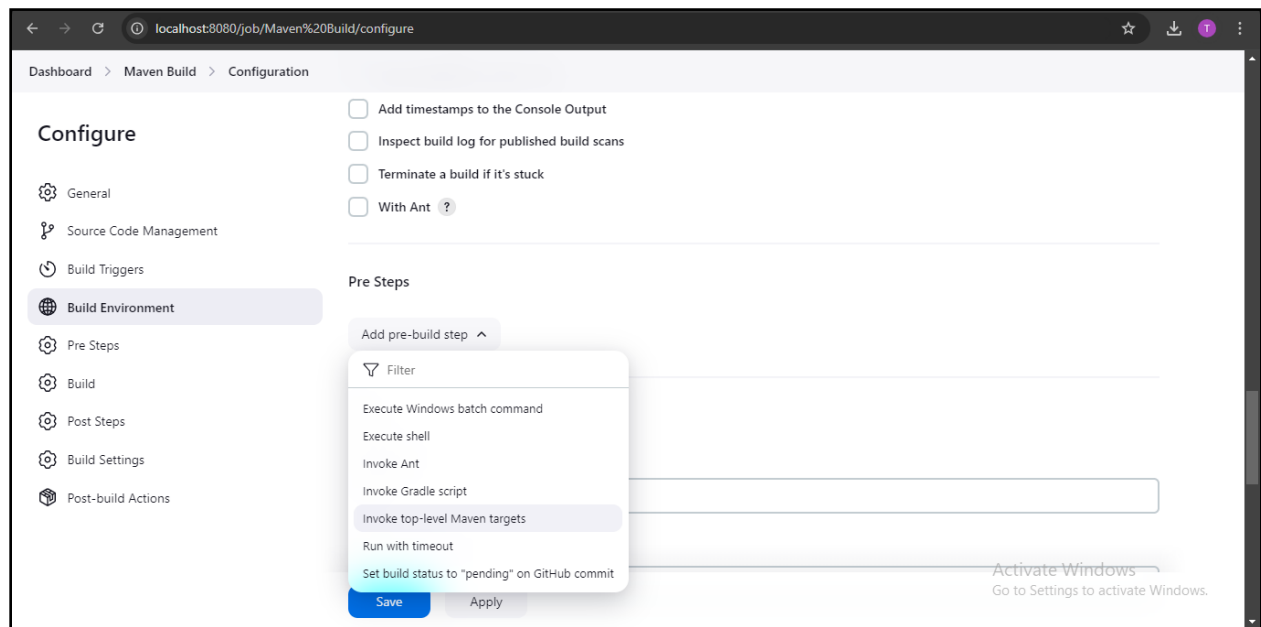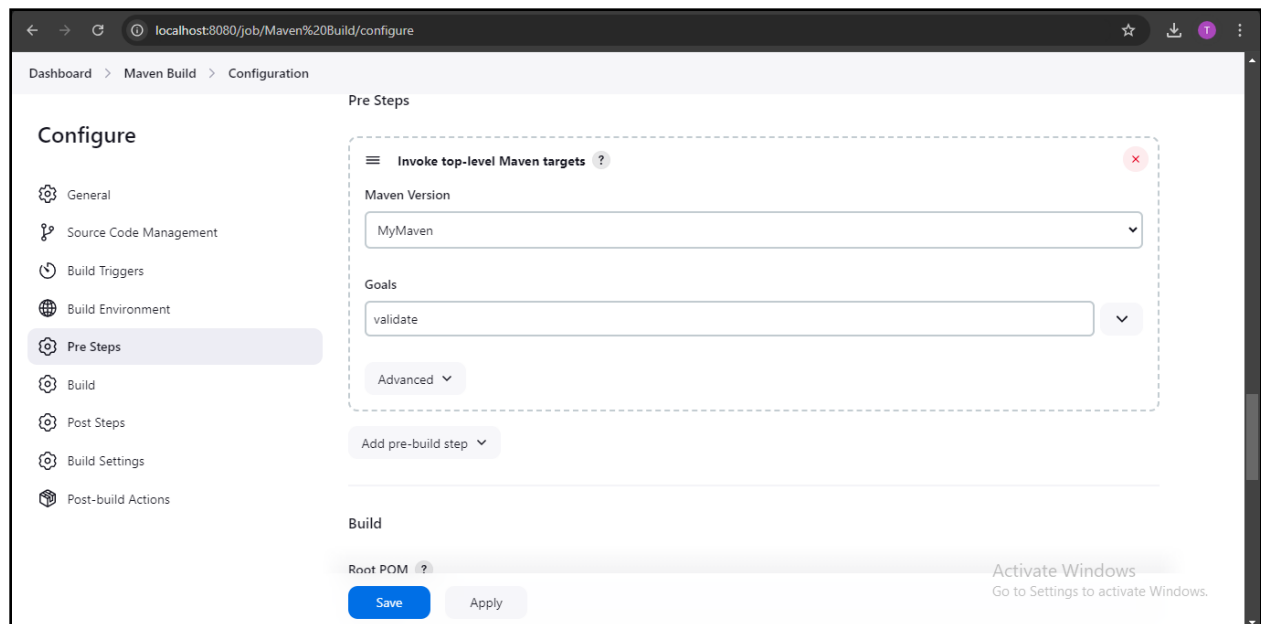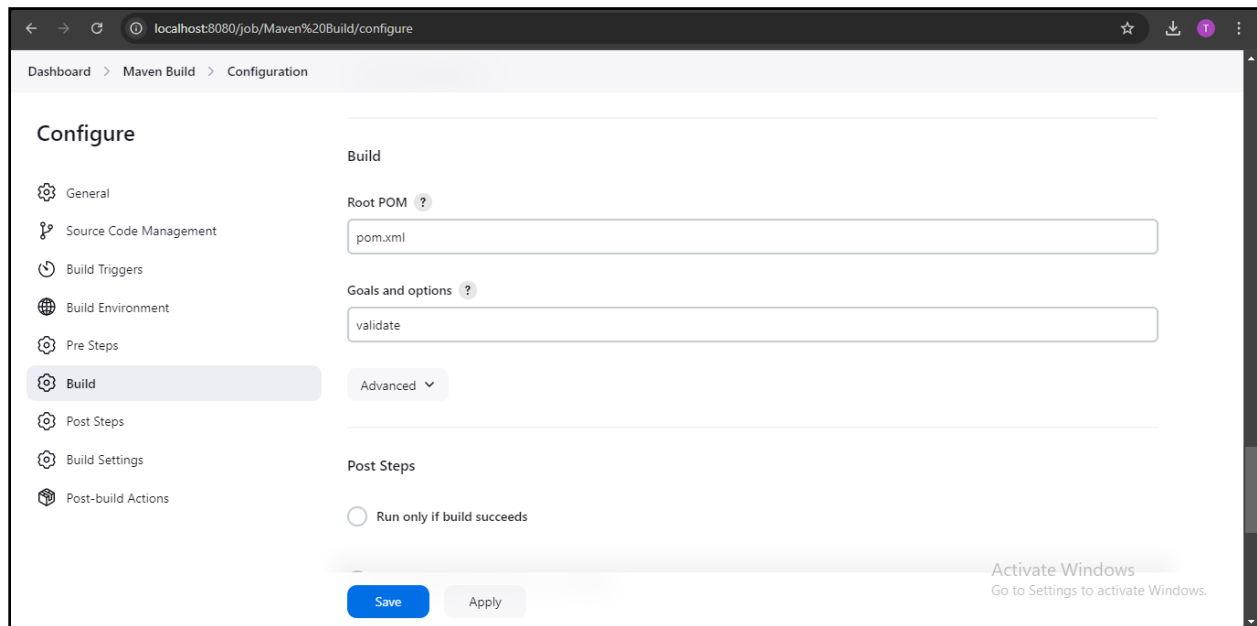

Step 22 : Set up pre-steps.

Step 23 : Set root POM and goal, apply and save.

Step 24 : Finally project build is successful.