Experiment No. 2.1

Student Name: Rishav Kumar   **UID: 22MCC20039**
Branch: MCA - CCD   **Section/Group: MCD-1/ Grp A**
Semester: III   **Date of Performance: 19th Sep 23**
Subject Name: DevOps Process Automation Lab   **Subject Code: 22CAP-745**

1. Aim/Overview of the practical:

Create a Jenkins Freestyle Project which consists of Maven Build jobs.

Note: Trigger the builds of all the Maven 9 Goals.

Code for practical:

- Open Jenkins on localhost and login with your credentials.
- Create a new job on *New Item>Freestyle Project*.
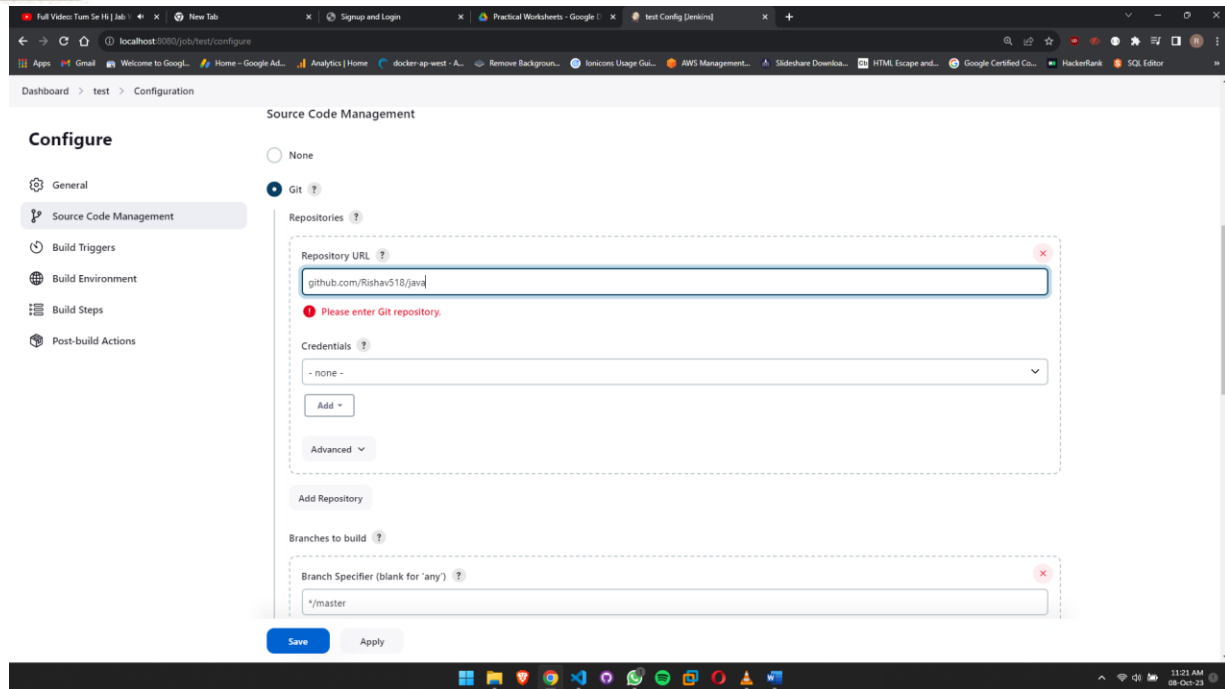
Enter an item name

test

» Required field

Freestyle project
This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.
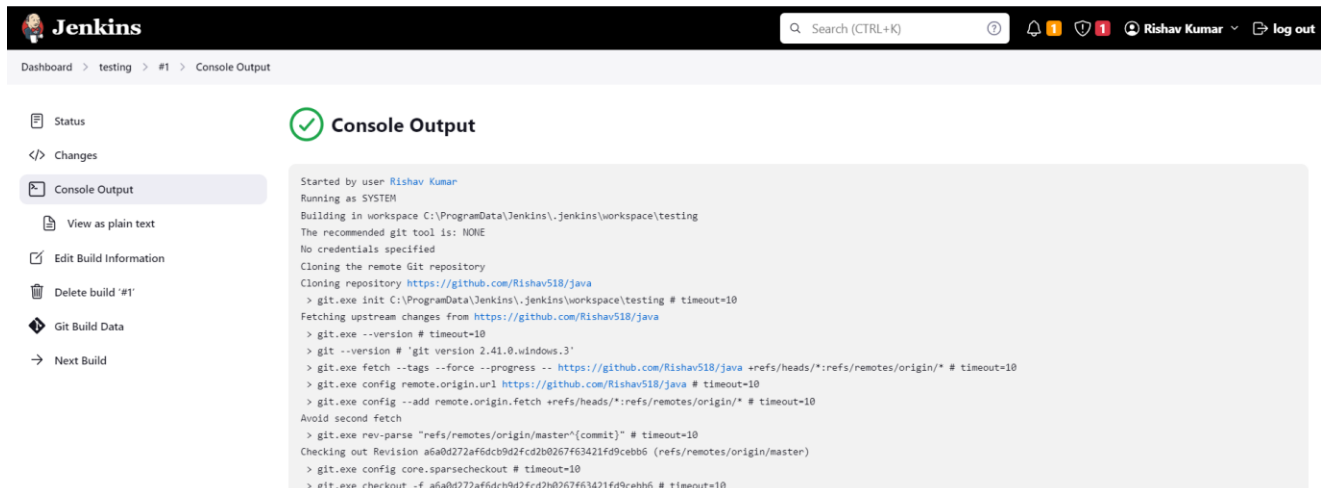
Maven project
Build a maven project. Jenkins takes advantage of your POM files and drastically reduces the configuration.

- Enter description of job and select git from Source Code Management
- Enter repository URL and select branch

- Now, select *Invoke top-level Maven targets* in Build Steps.
- Enter maven command like **mvn test** or **mvn compile** which you want to execute.
- Click on Save.
- Click on build now button to build project.
- Project will be built in some minutes.
- Use same steps to achieve all 9 goals.

** **THE END** **