

The screenshot shows the Jenkins web interface. The top navigation bar includes the Jenkins logo, a search bar, and a user profile for 'Eluri Charan Raju' with a 'log out' button. The main content area is divided into two parts. The first part, titled 'Enter an item name', shows a text input field containing 'pipeline\_maven' and a 'Required field' message. Below this are three selectable options: 'Freestyle project', 'Pipeline', and 'Multi-configuration project'. The 'Pipeline' option is selected. The second part, titled 'Configure', shows the 'Pipeline' configuration page. On the left, there are tabs for 'General', 'Advanced Project Options', and 'Pipeline'. The 'Pipeline' tab is active. The main area shows the 'Definition' section with a dropdown menu set to 'Pipeline script'. Below this is a 'Script' section with a text area containing a Groovy script. The script defines a pipeline with a 'Build' stage that includes a 'git' step to fetch code from a GitHub repository and a 'mvn' step to run Maven. The 'mvn' step is highlighted. To the right of the script area is a dropdown menu set to 'GitHub + Maven'. Below the script area is a checkbox labeled 'Use Groovy Sandbox' which is checked. At the bottom of the configuration page are 'Save' and 'Apply' buttons. The Windows taskbar at the bottom shows the time as 8:25 PM on 3/25/2024.

Enter an item name

pipeline\_maven

Required field

**Freestyle project**  
Classic, general-purpose job type that checks out from up to one SCM, executes build steps serially, followed by post-build steps like archiving artifacts and sending email notifications.

**Pipeline**  
Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.

**Multi-configuration project**  
Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.

**Folder**  
A container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a namespace, so you can have multiple things of the same name as long as they are in different folders.

OK

Dashboard > pipeline\_maven > Configuration

**Configure**

General  
Advanced Project Options  
Pipeline

**Pipeline**

Definition

Pipeline script

Script ?

```
5 // Install the Maven version configured as "M3" and add it to the path.  
6 mvn "M3"  
7 }  
8  
9 stages {  
10 stage('Build') {  
11 steps {  
12 // Get some code from a GitHub repository  
13 git 'https://github.com/jglick/simple-maven-project-with-tests.git'  
14  
15 // Run Maven on a Unix agent:  
16 sh "mvn -Dmaven.test.failure.ignore=true clean package"  
17  
18 // To run Maven on a Windows agent, use  
19 // bat "mvn -Dmaven.test.failure.ignore=true clean package"  
20 }  
21 }
```

GitHub + Maven

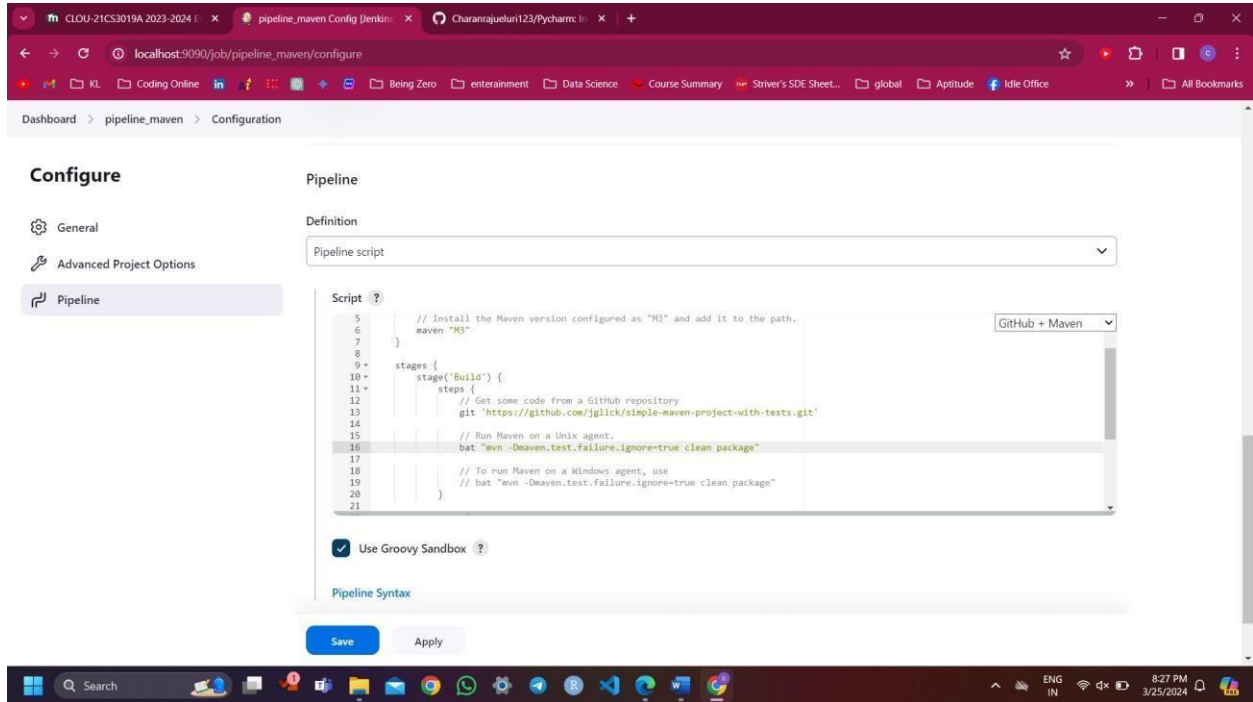
☒ Use Groovy Sandbox ?

Pipeline Syntax

Save Apply

Select github + maven

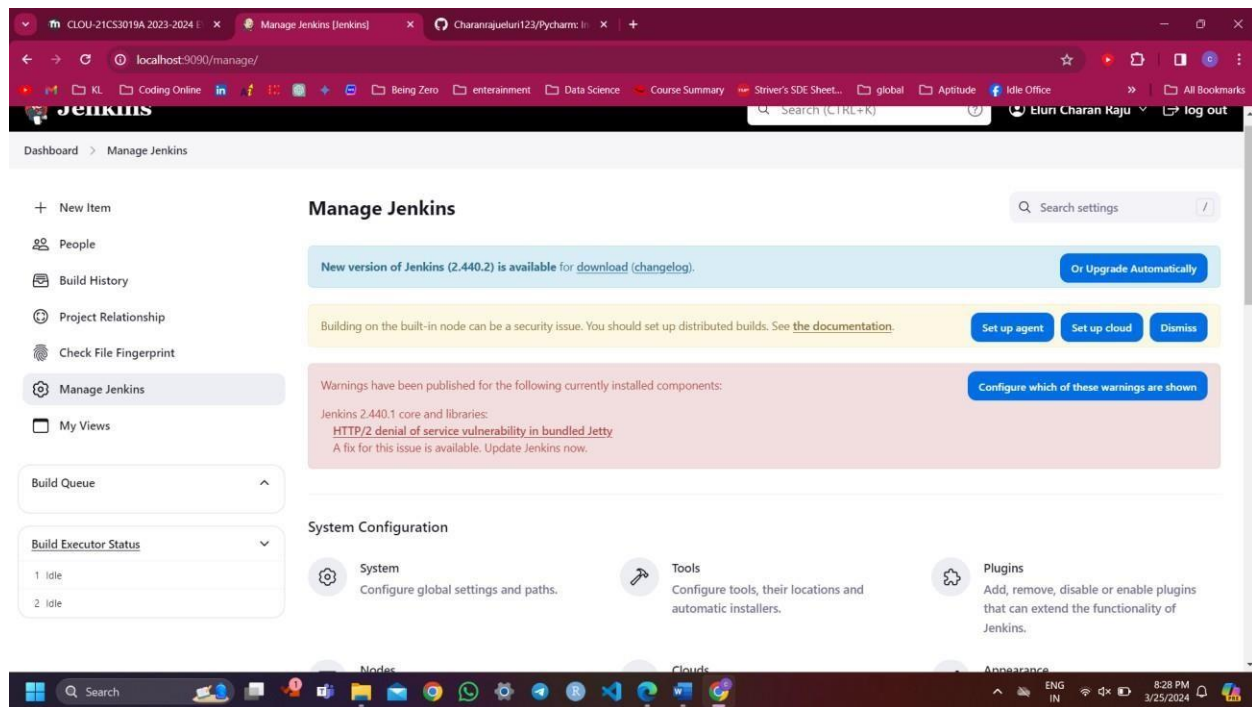
Replace bat with sh in code line no: 16



Click apply and save

Now configure maven installer

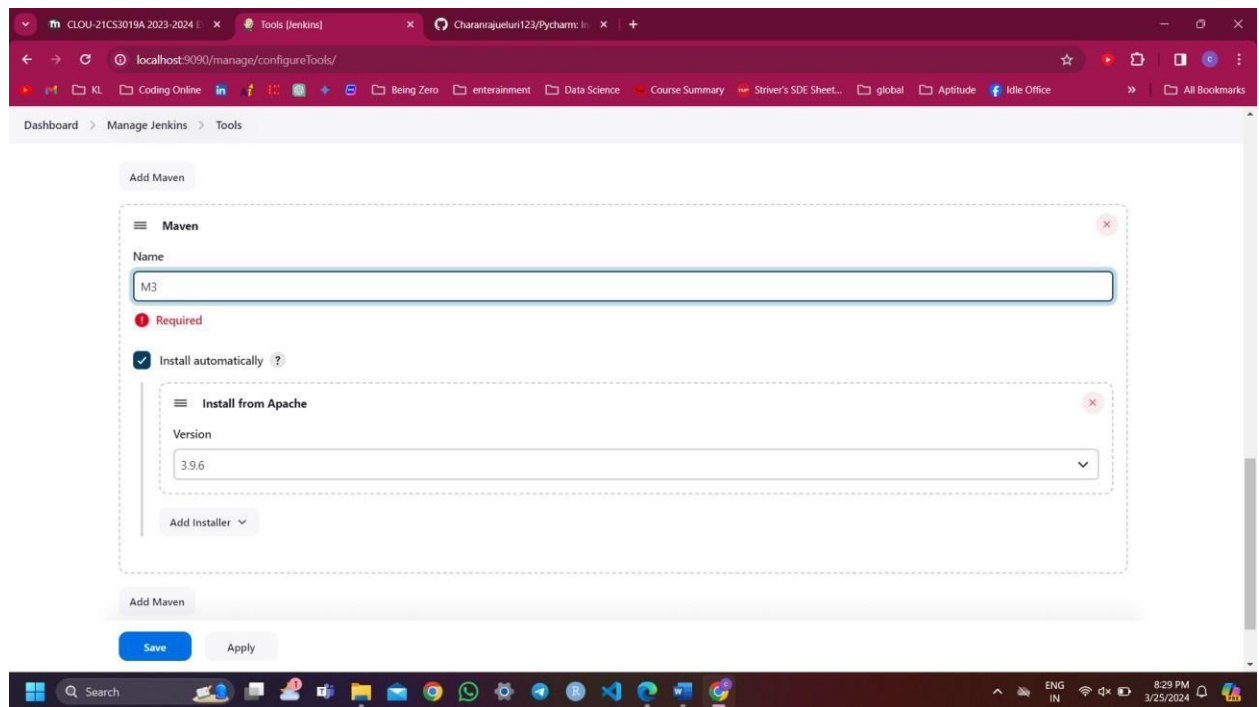
Goto->dashboard->click manage jenkins



Goto tools

In maven installation click add maven

Give M3 as name



Now build the project

