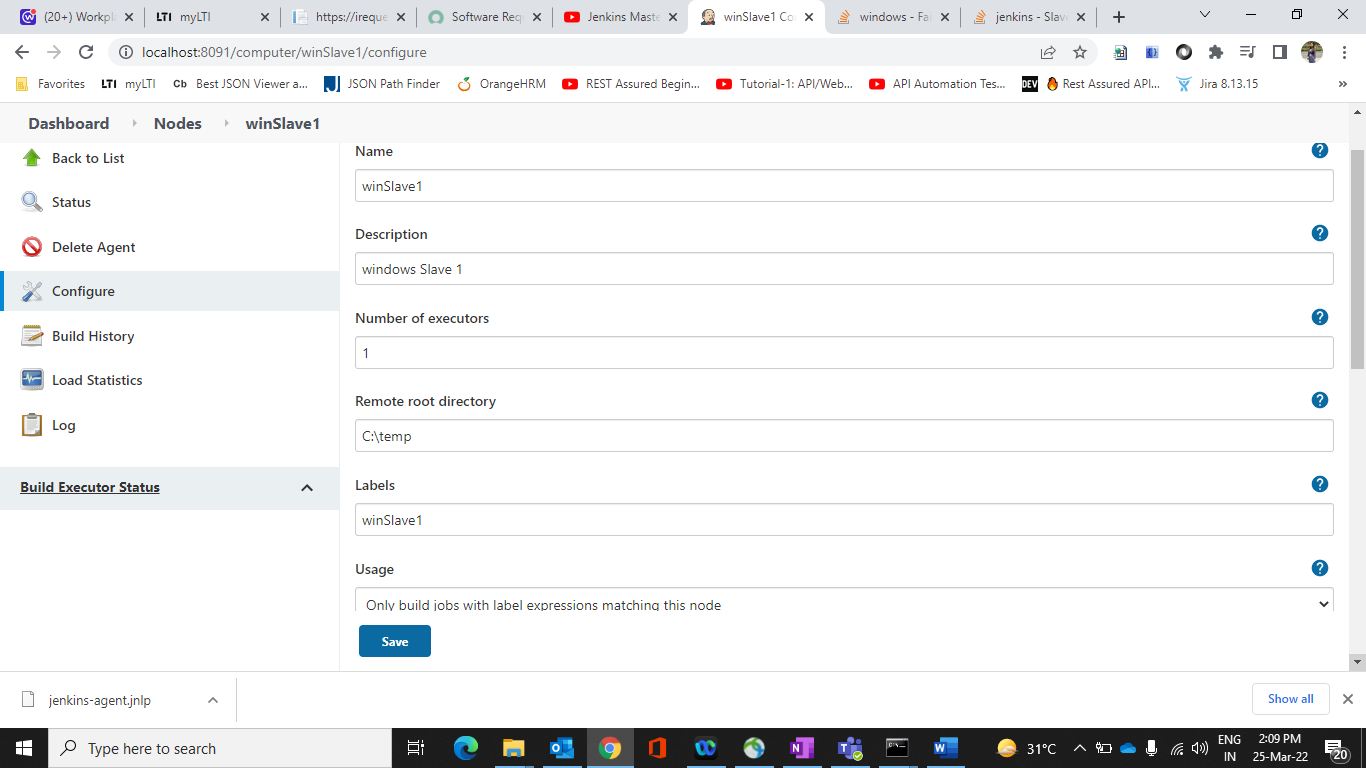
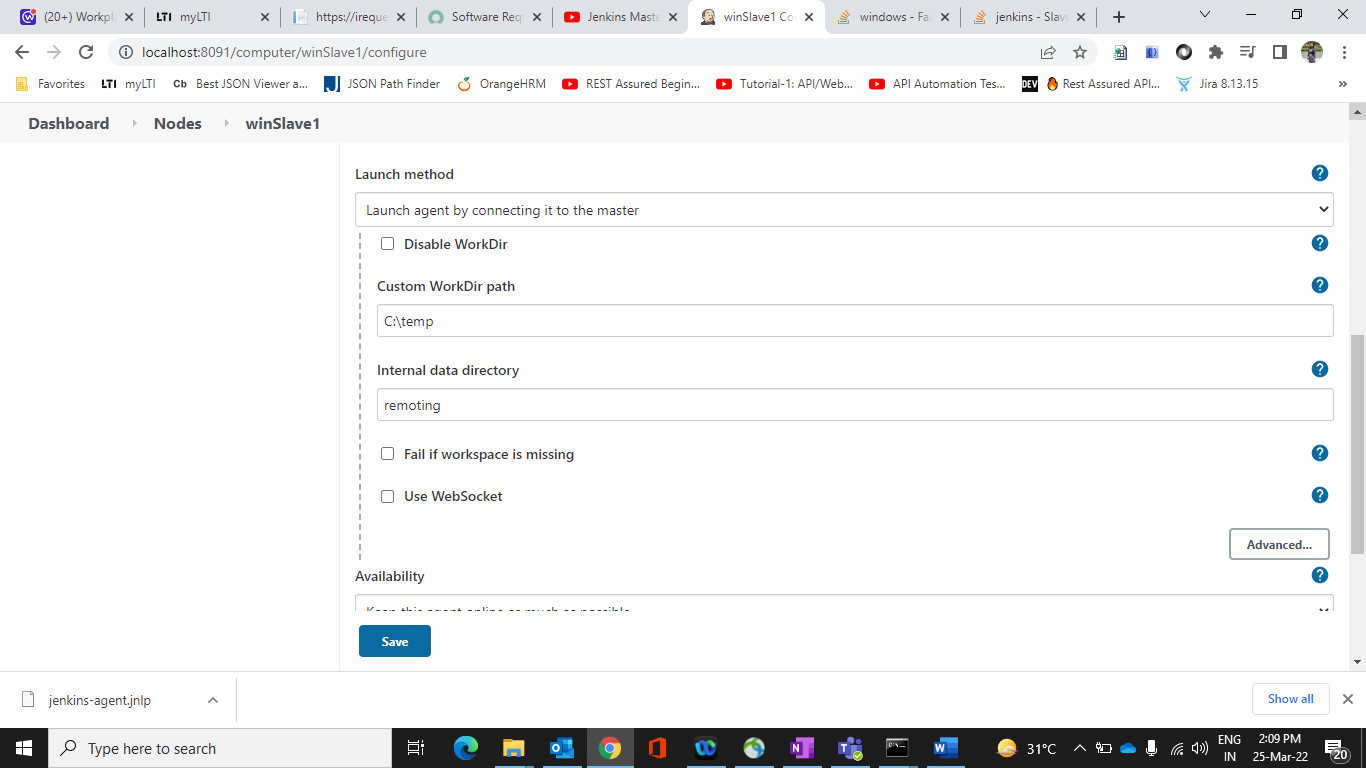
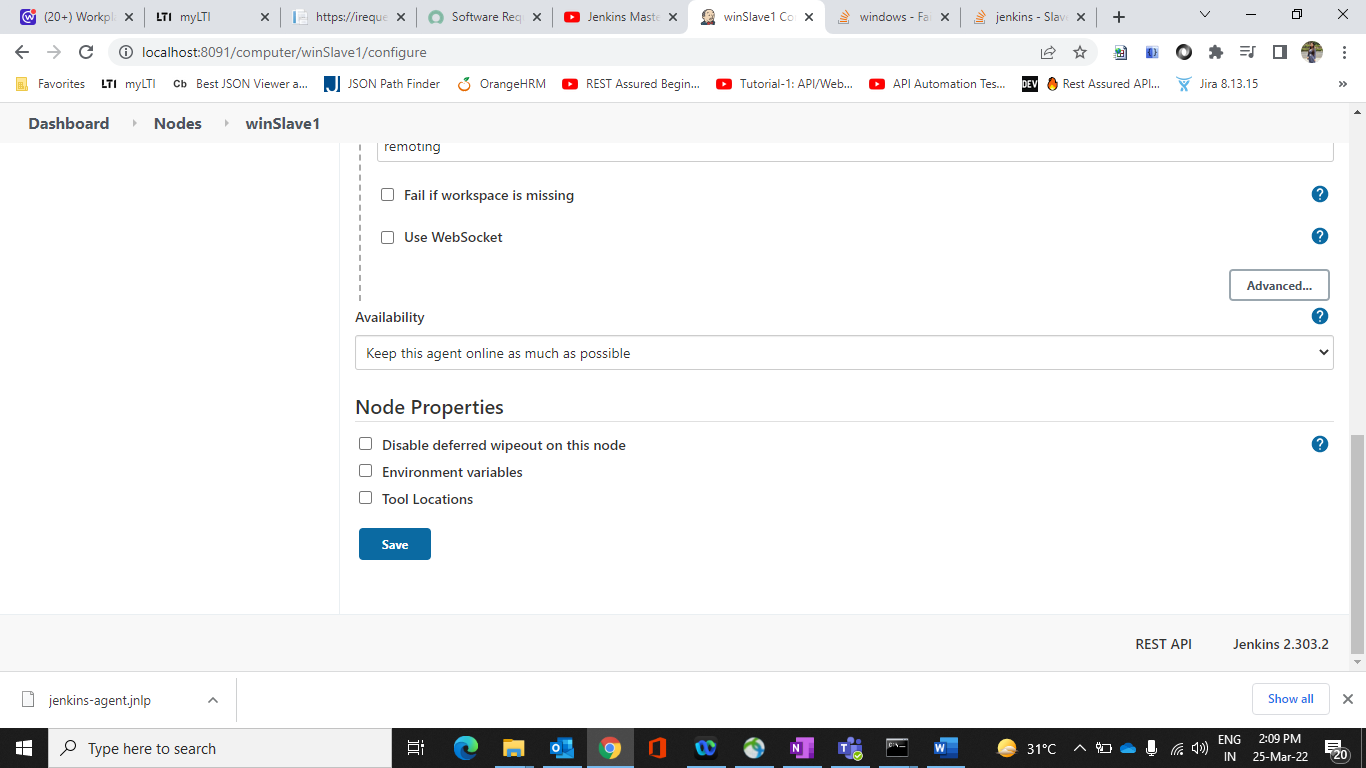
1. **Jenkins distributed architecture - Master slave configurations:**

* <http://localhost:8091/> Click on dashboard
* Click on manage Jenkins
* Click on manage nodes and clouds
* Click on new node --> give node name

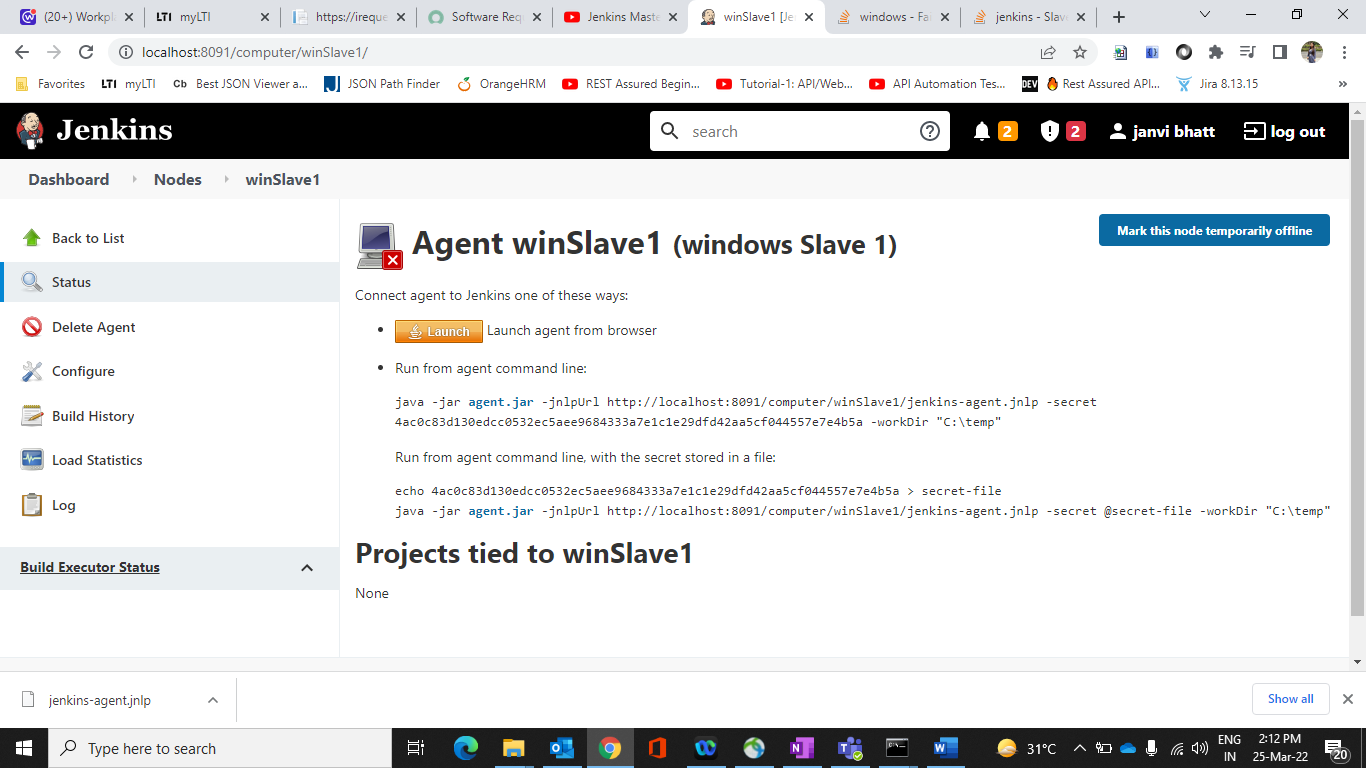


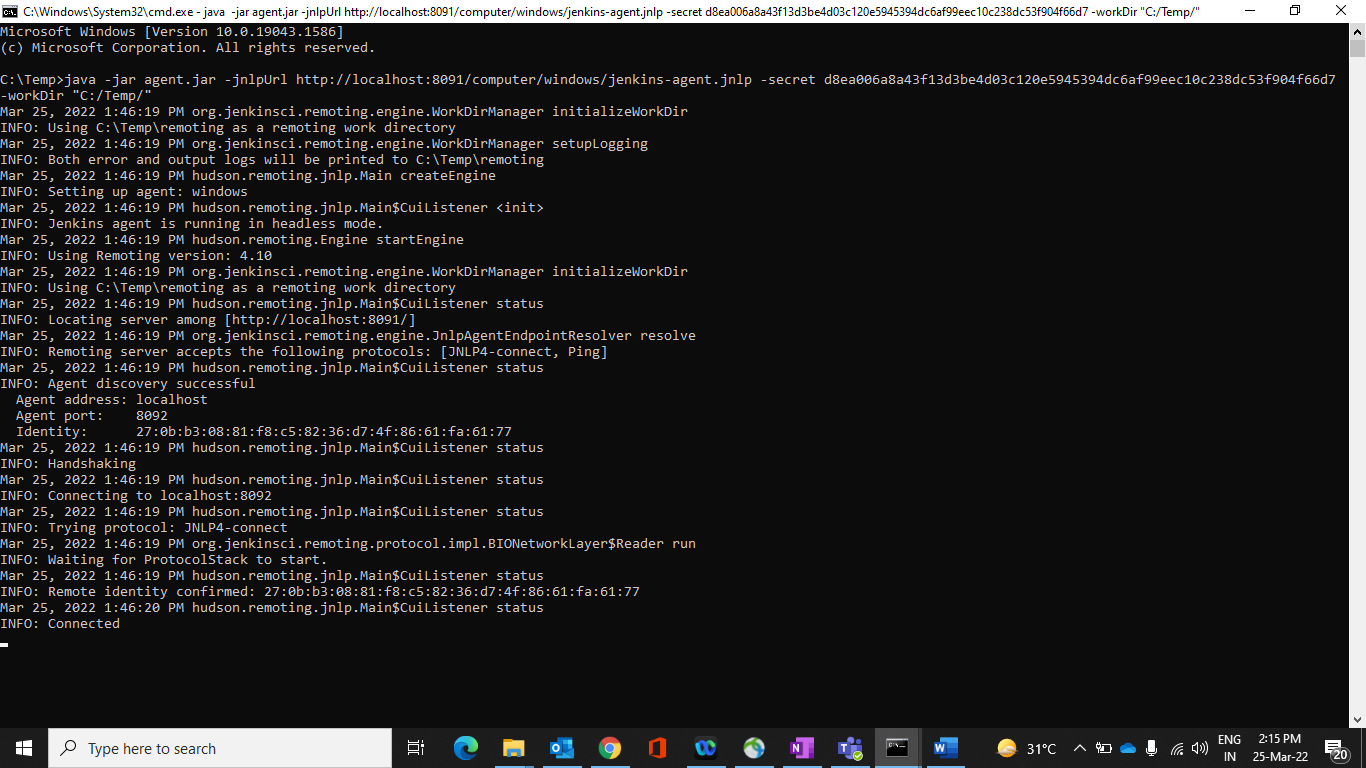




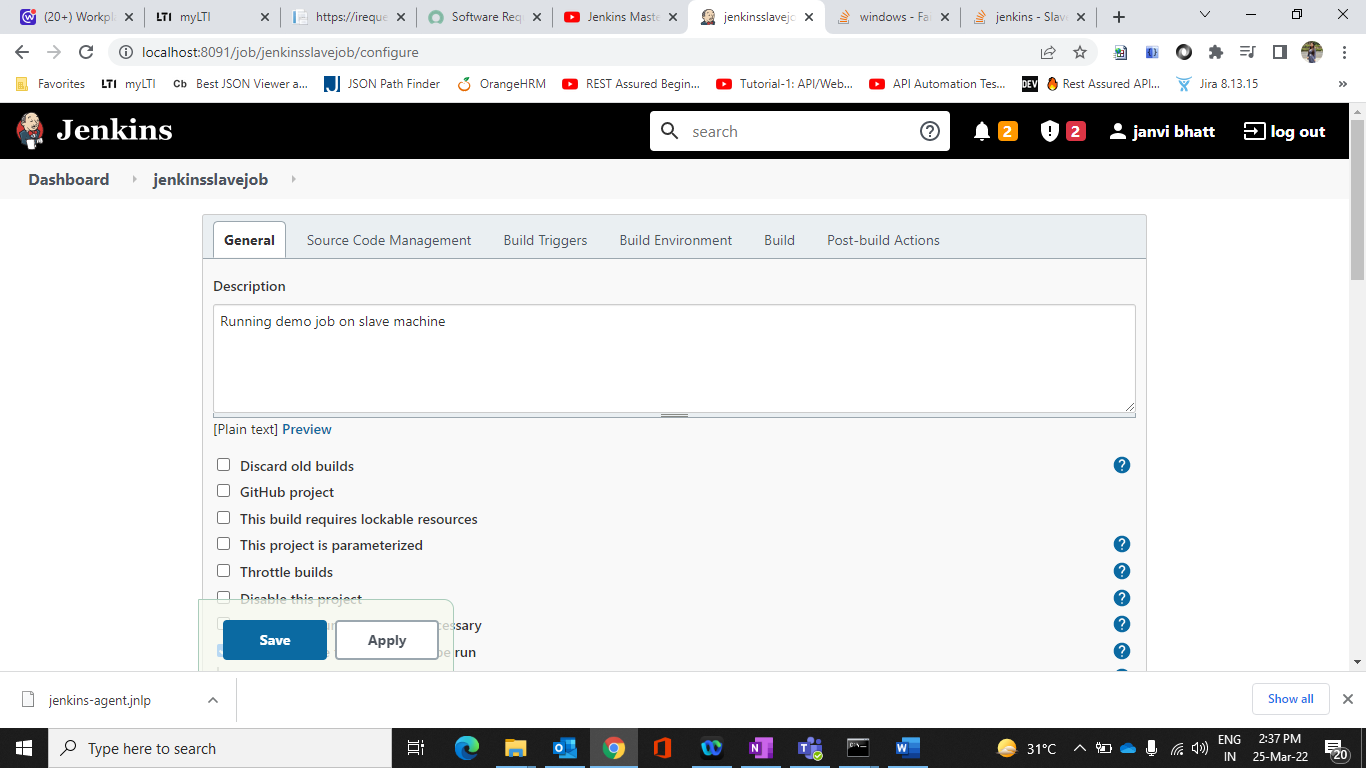
* Execute below command from temp folder.

java -jar [agent.jar](http://localhost:8091/jnlpJars/agent.jar) -jnlpUrl http://localhost:8091/computer/winSlave1/jenkins-agent.jnlp -secret 4ac0c83d130edcc0532ec5aee9684333a7e1c1e29dfd42aa5cf044557e7e4b5a -workDir "C:\temp"

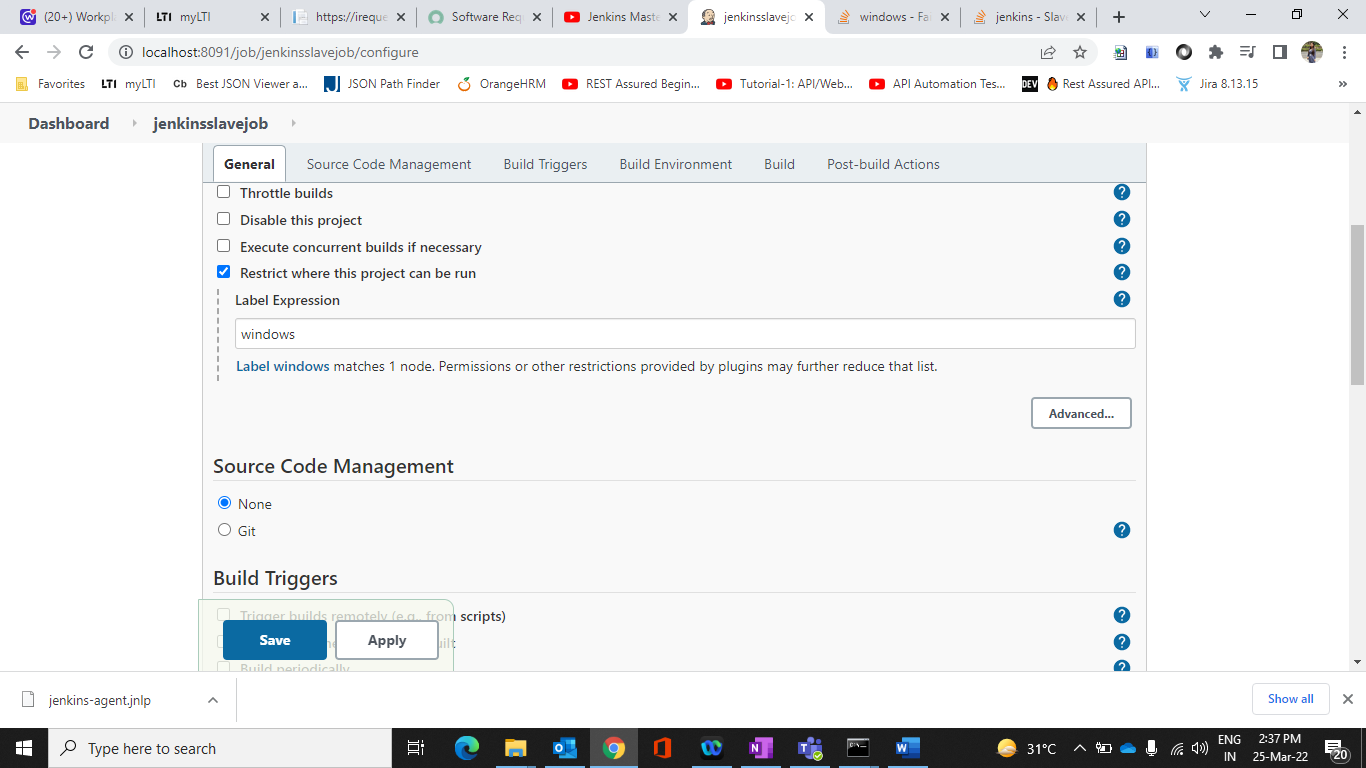


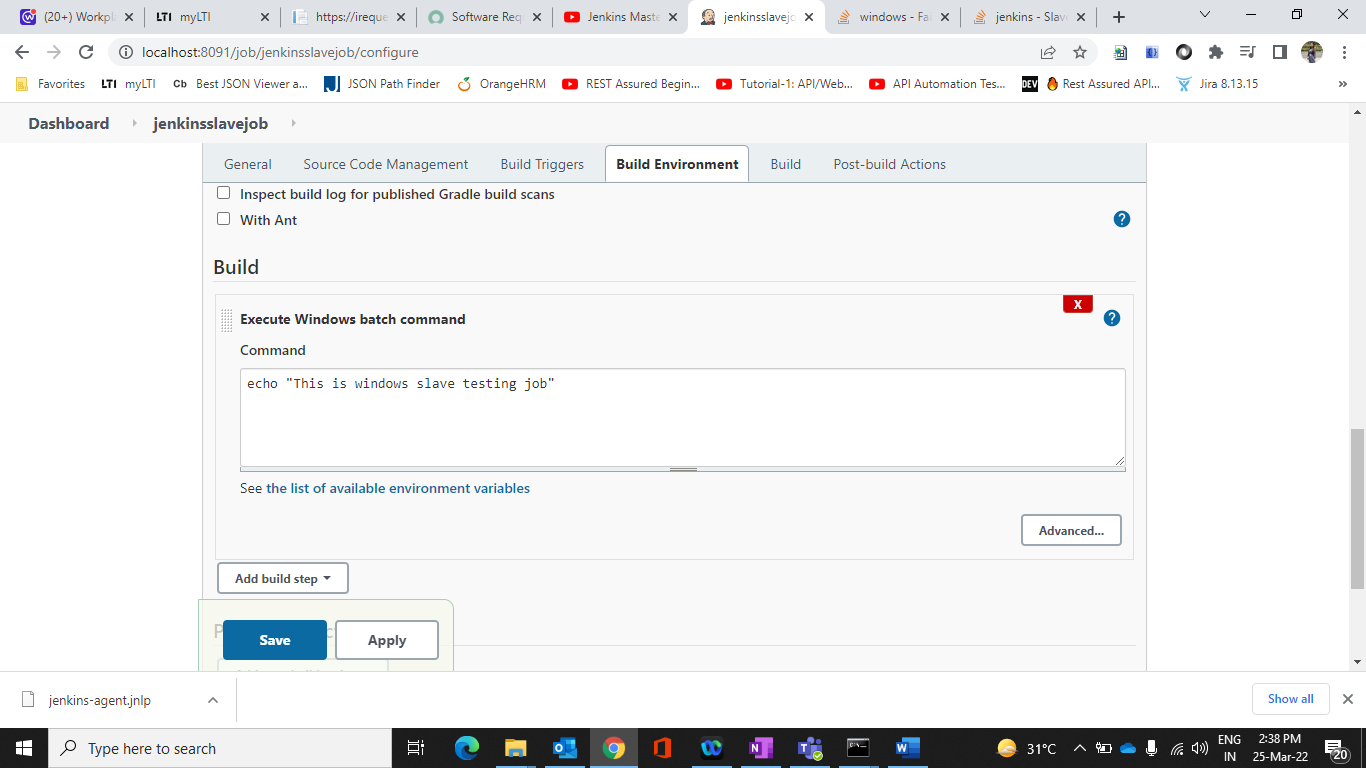


* Go back to main screen, click on new item
* Enter name
* Select freestyle project



* Enter slave machine name





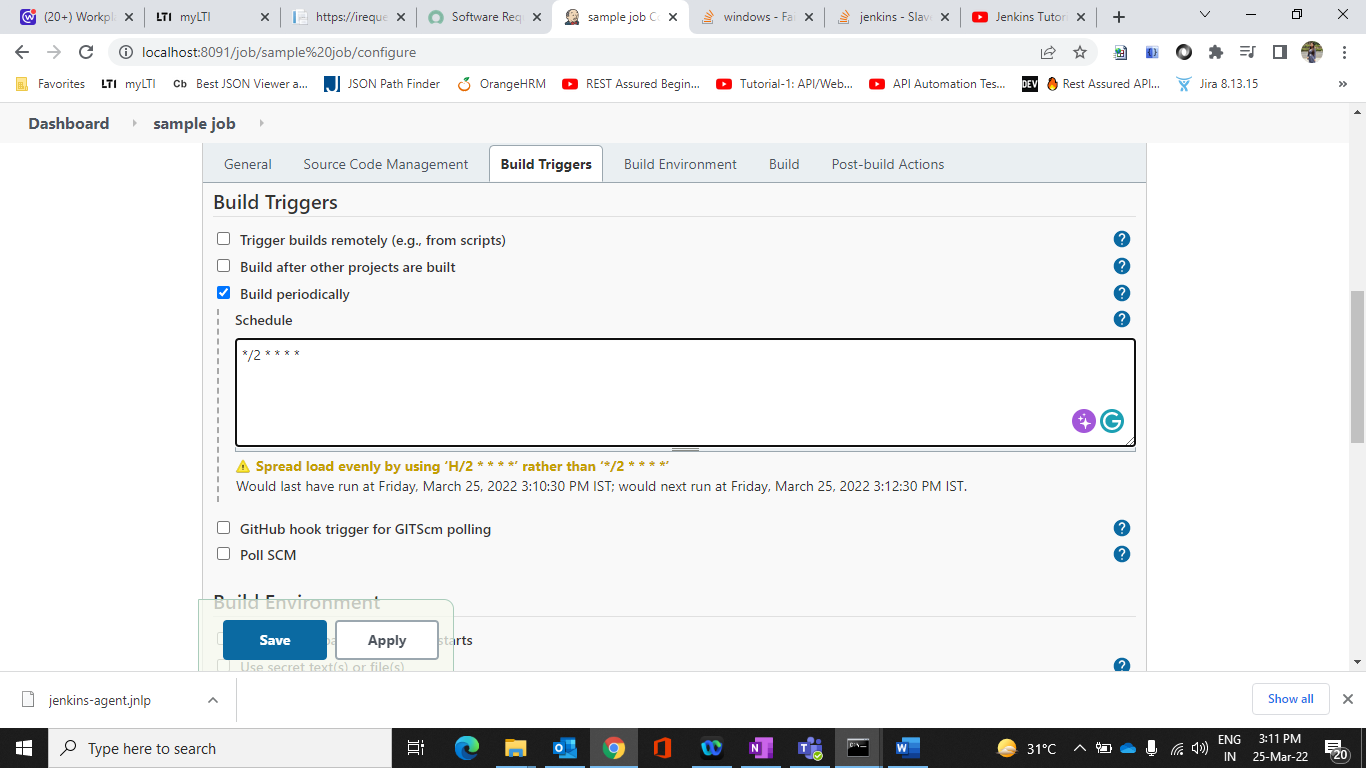
* Click on build now, see build history and workspace window for logs.
* You can see workspace folder inside your temp folder.

1. **Trigger build periodically - Cron expression**

Graphical user interface, text, application, email

Description automatically generated

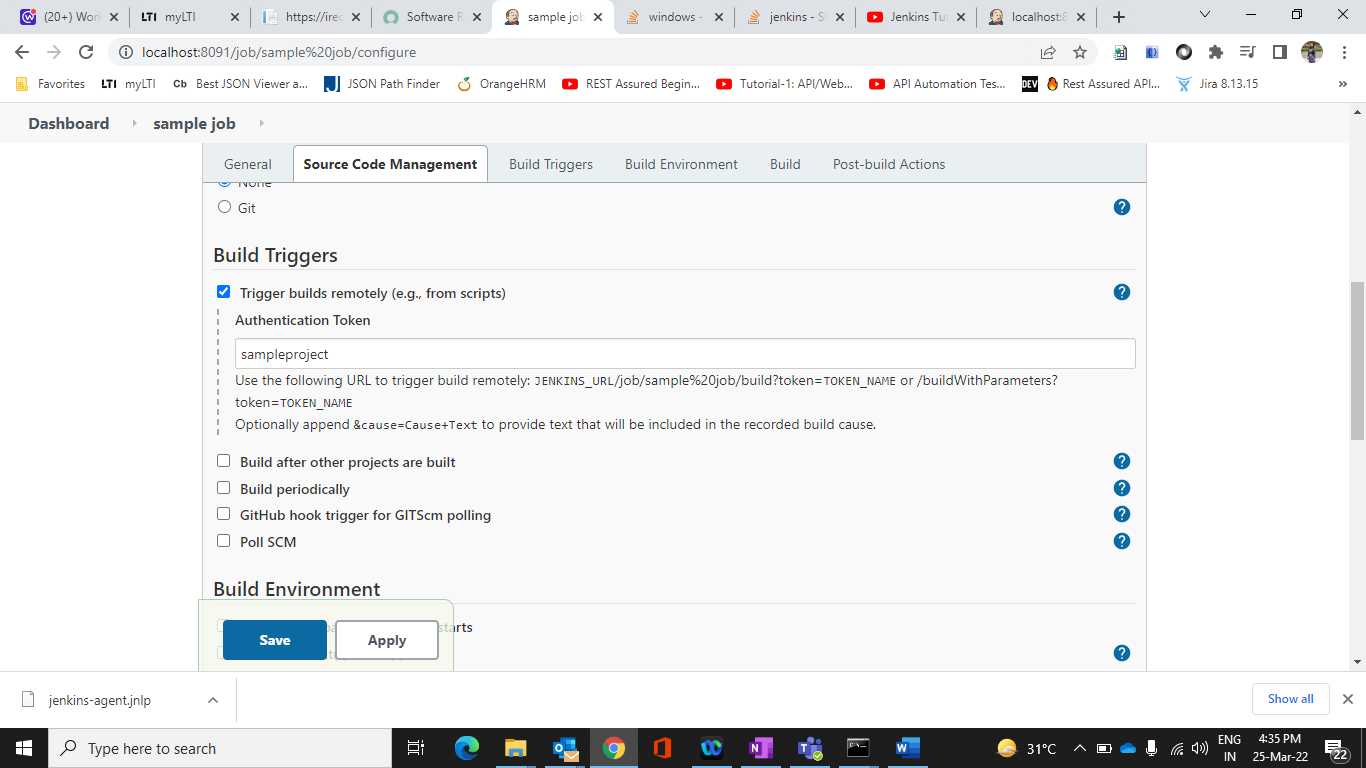
* Create a basic job and schedule it for 2 mins command is \*/2 \* \* \* \*



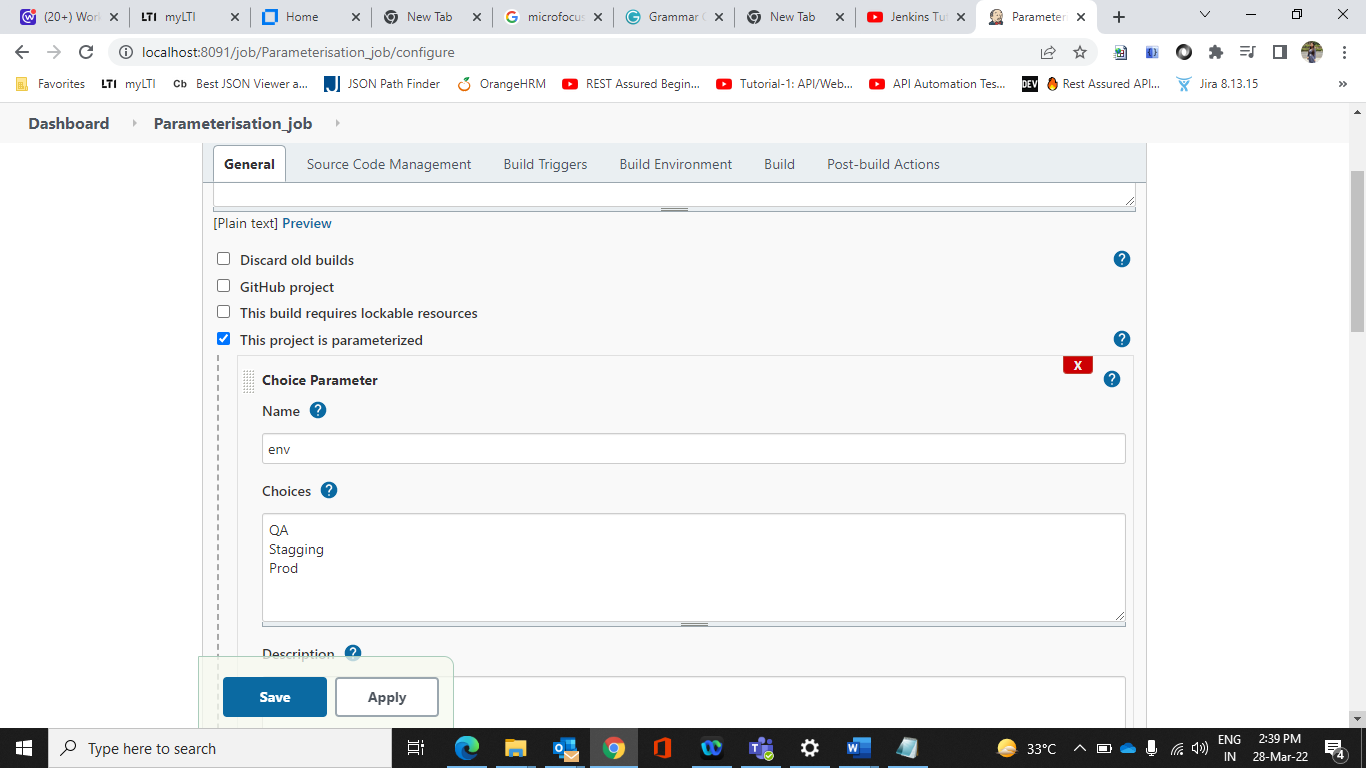
1. **Remote build Trigger**

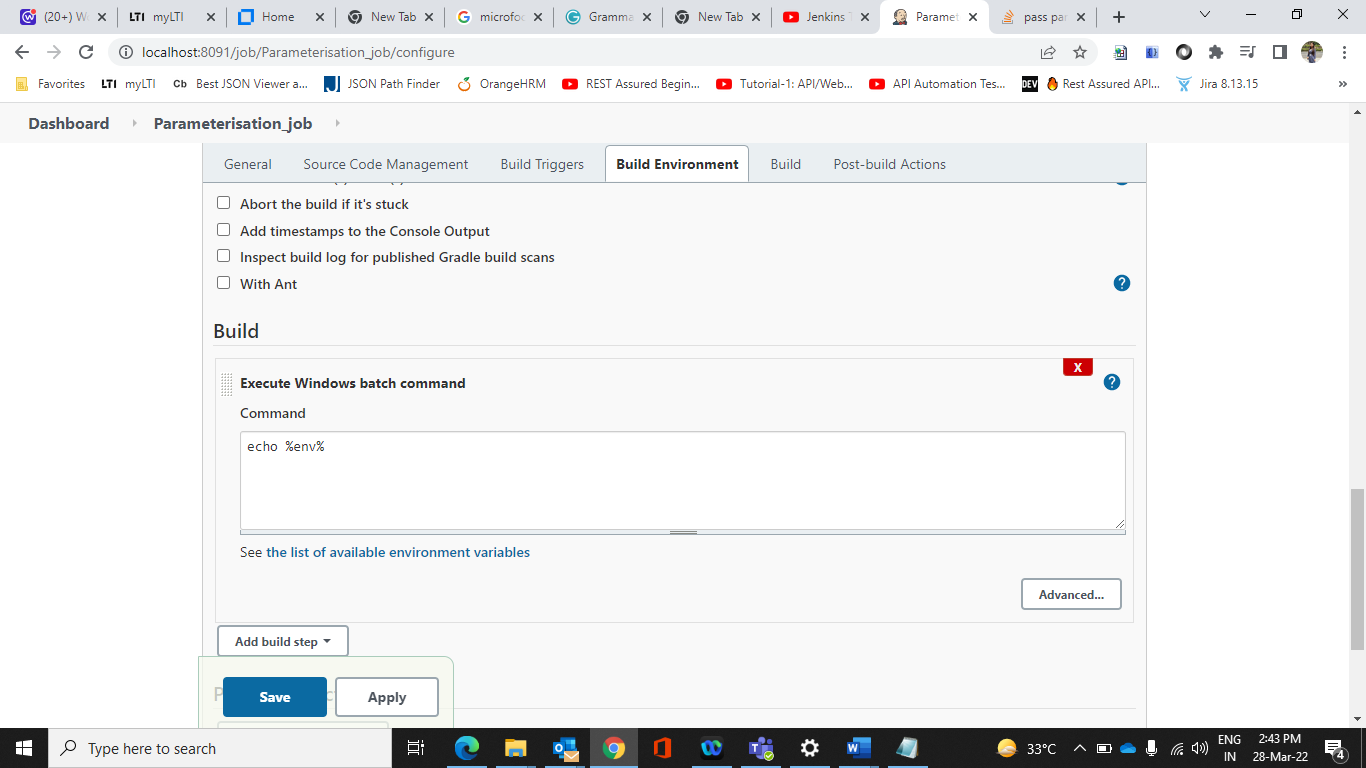
<http://localhost:8091/job/sample%20job/build?token=sampleproject>

* Create one job
* Select Build Triggers
* Give authentication Token = sample (any name you can give)
* <http://localhost:8091/job/sample%20job/build?token=sampleproject>
* Generate above command and hit it from any machine, it will start executing a job.



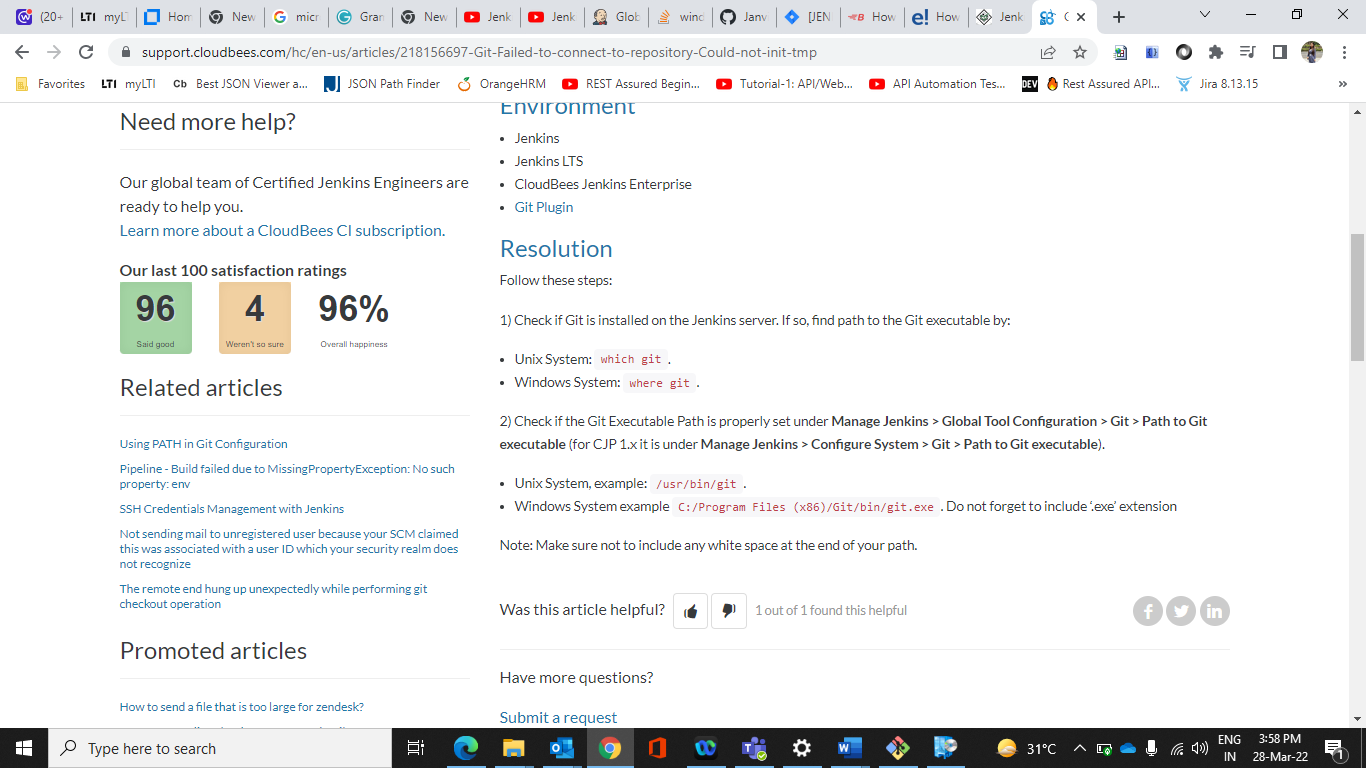
1. **Parameterisation**



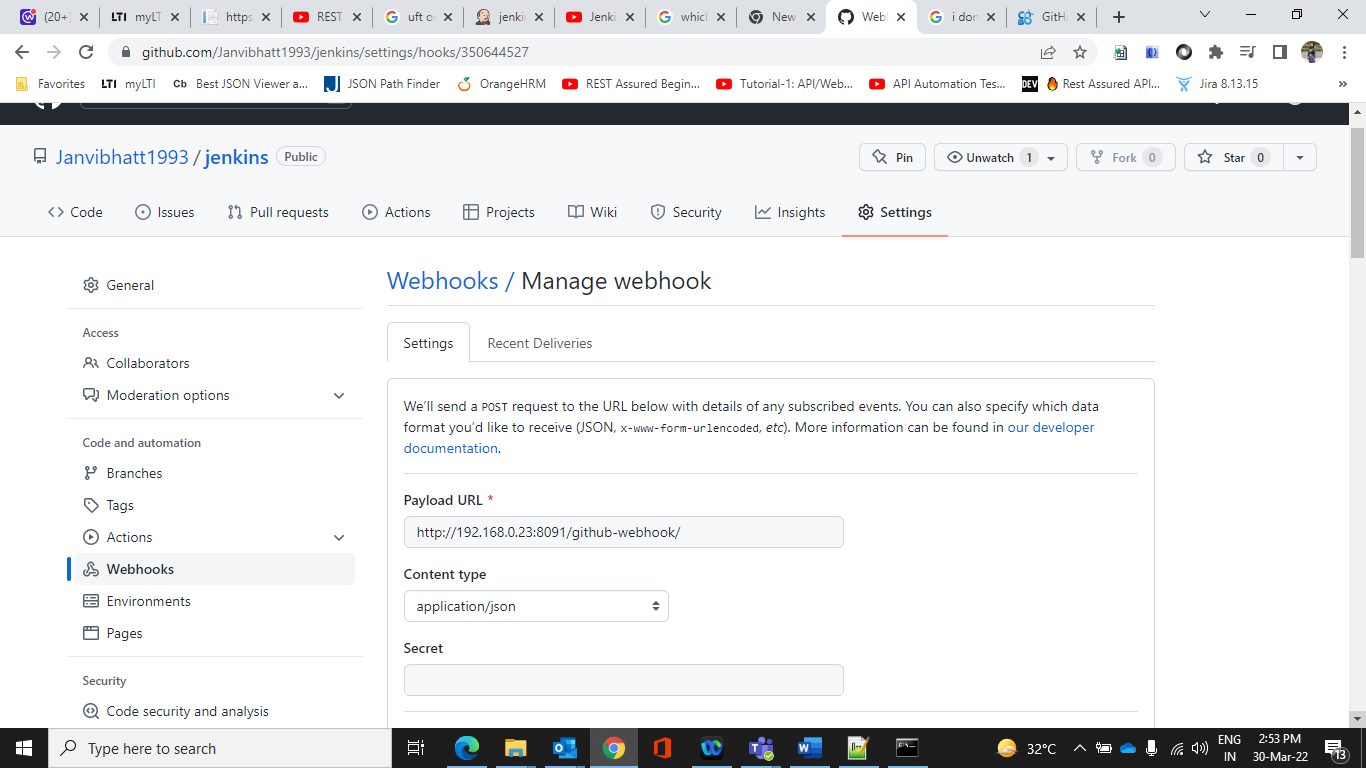


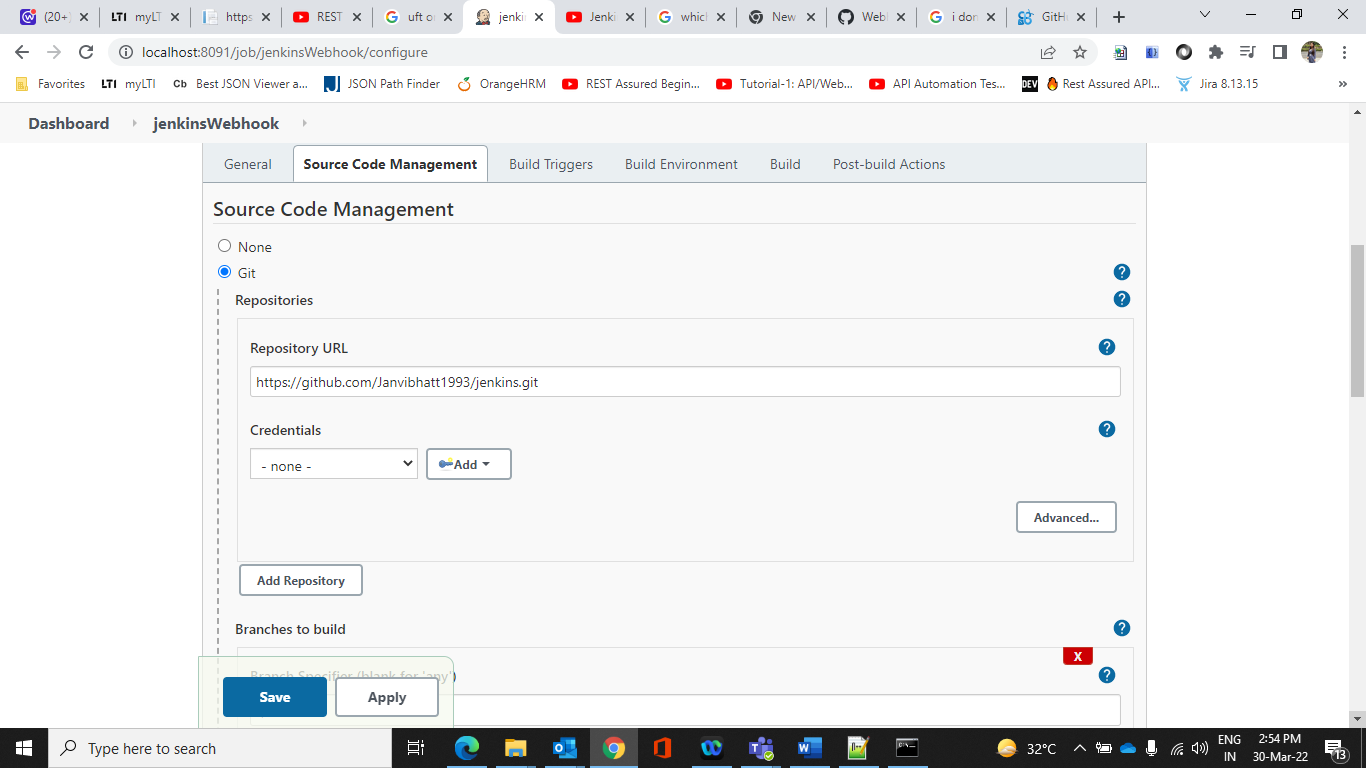
1. **WebHook and Poll SCM (any changes in git or any new commit it executes the job)**

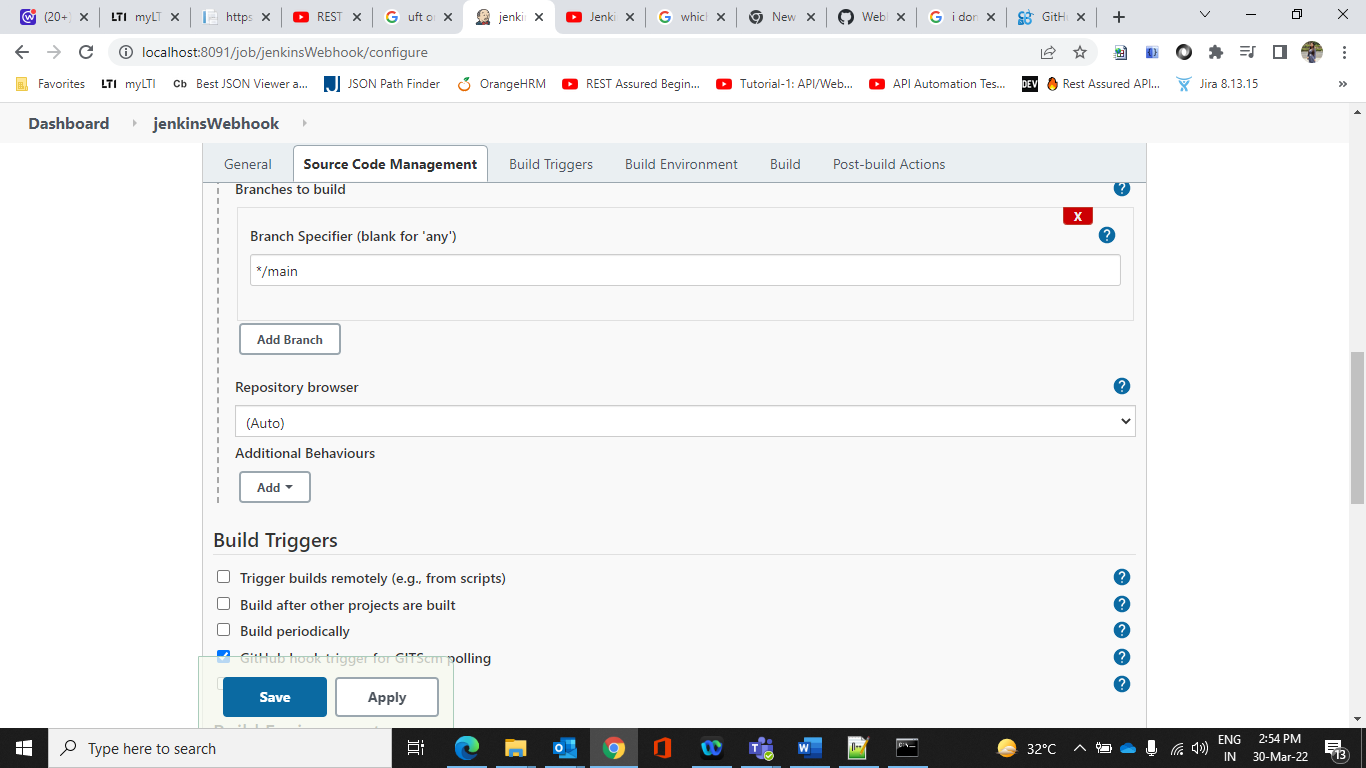
* Pre-requistite to check git is installed and validate using below details.

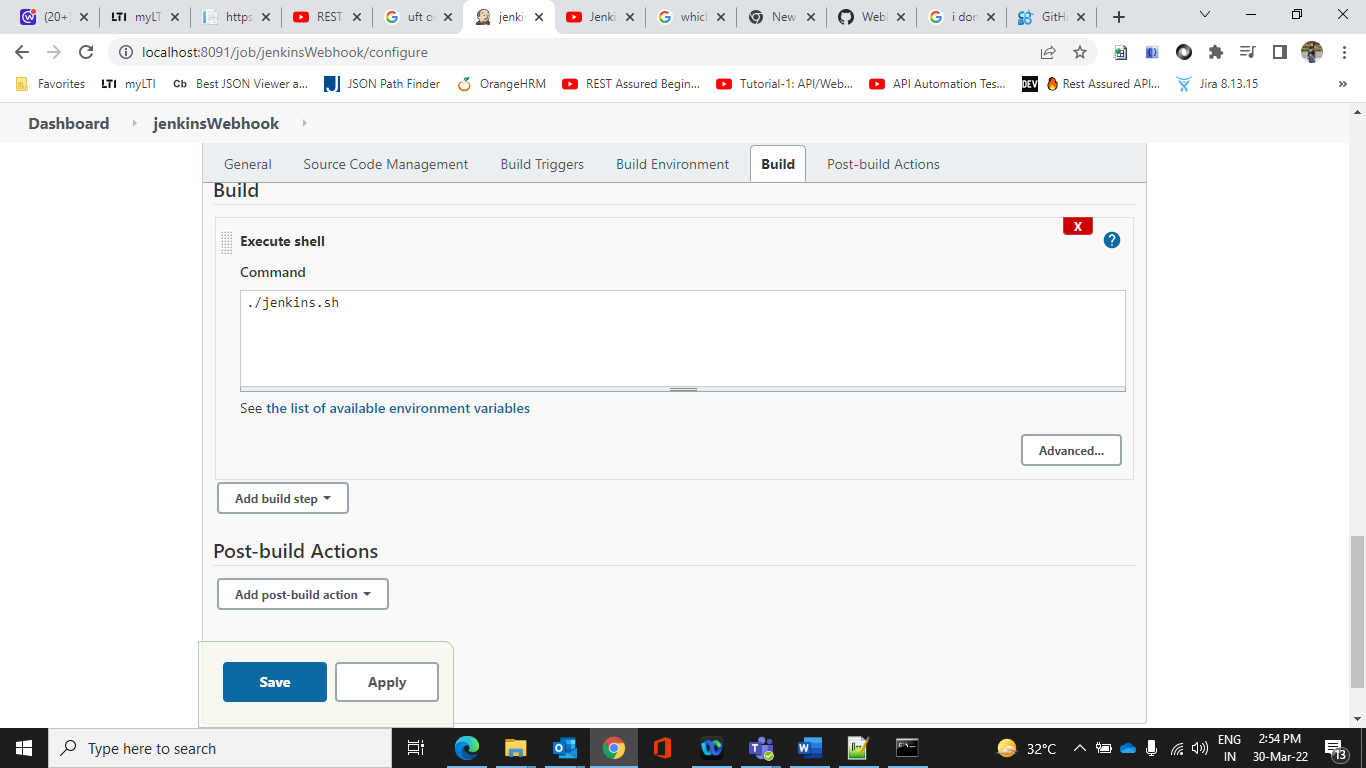


* Note for UFT – application installation plugin is required.
* Webhook and poll SCM details

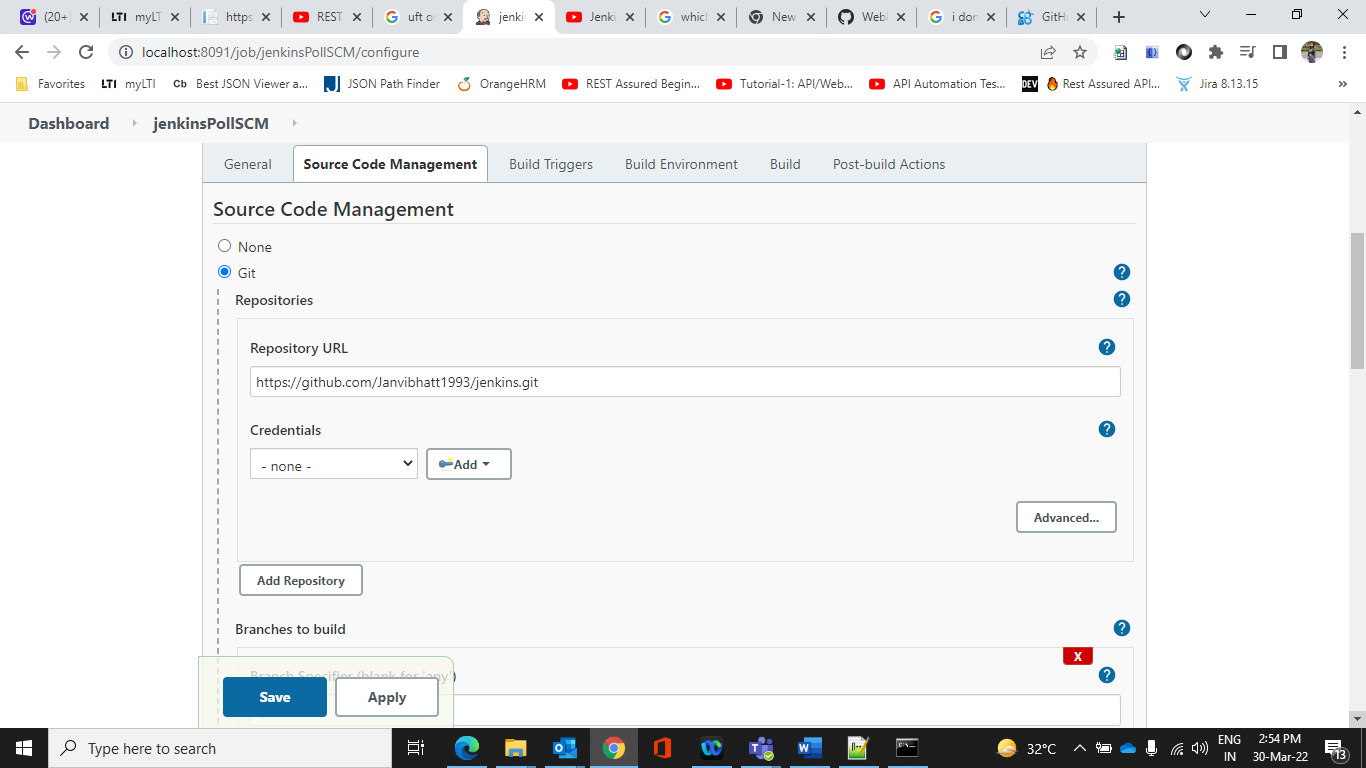


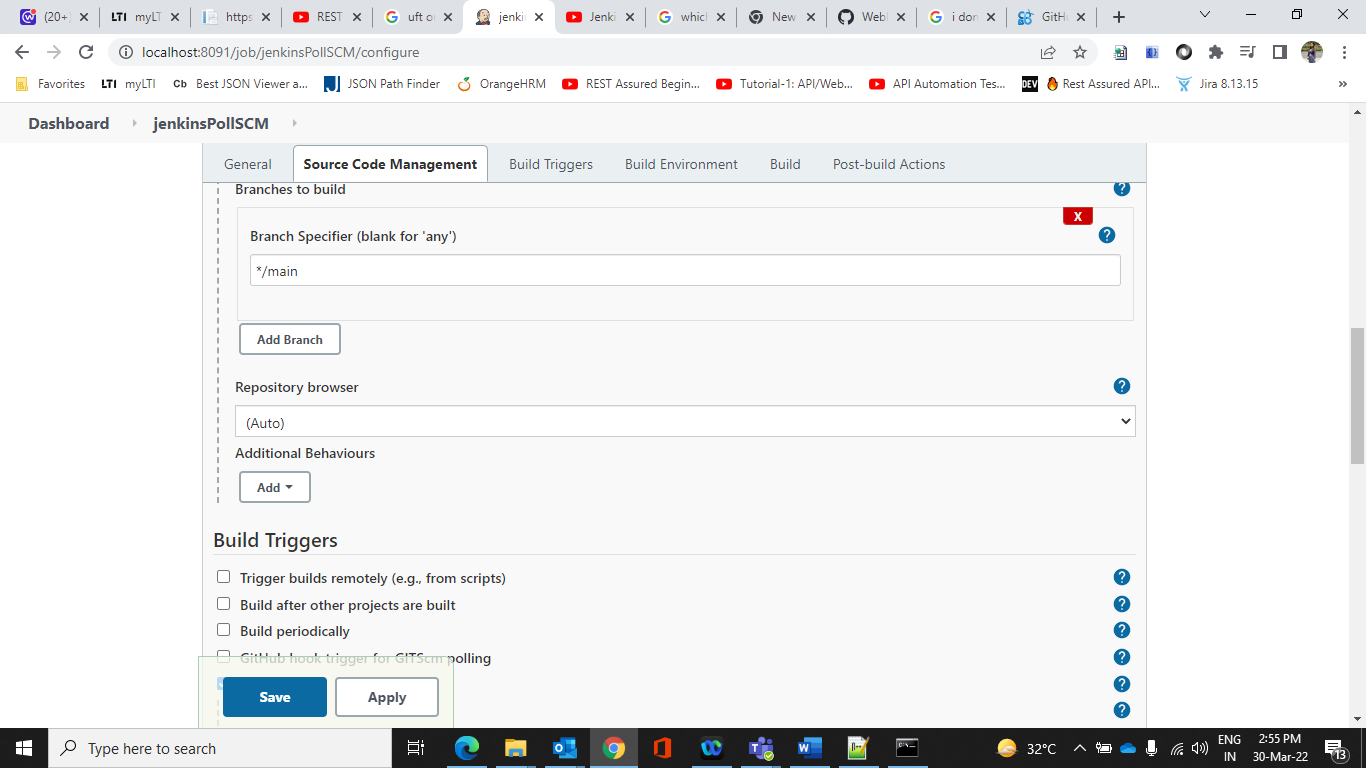


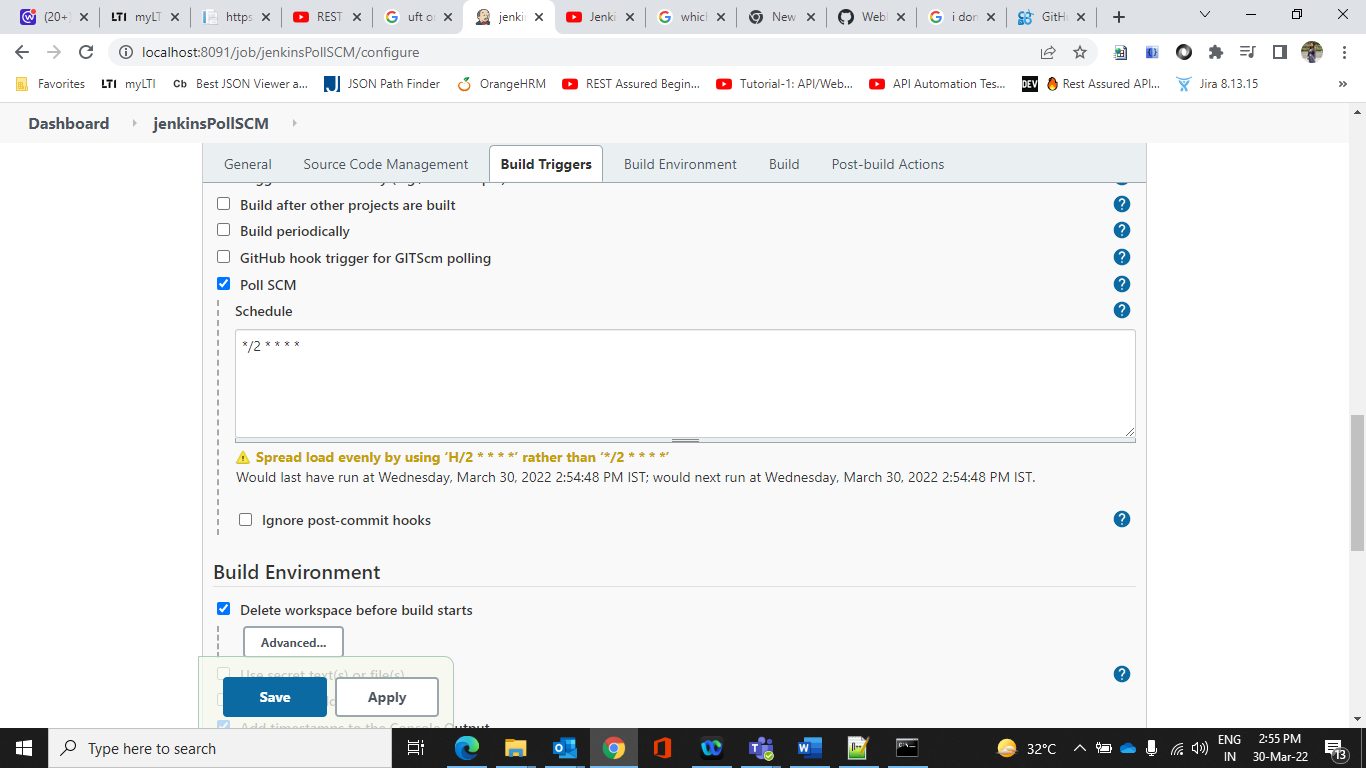


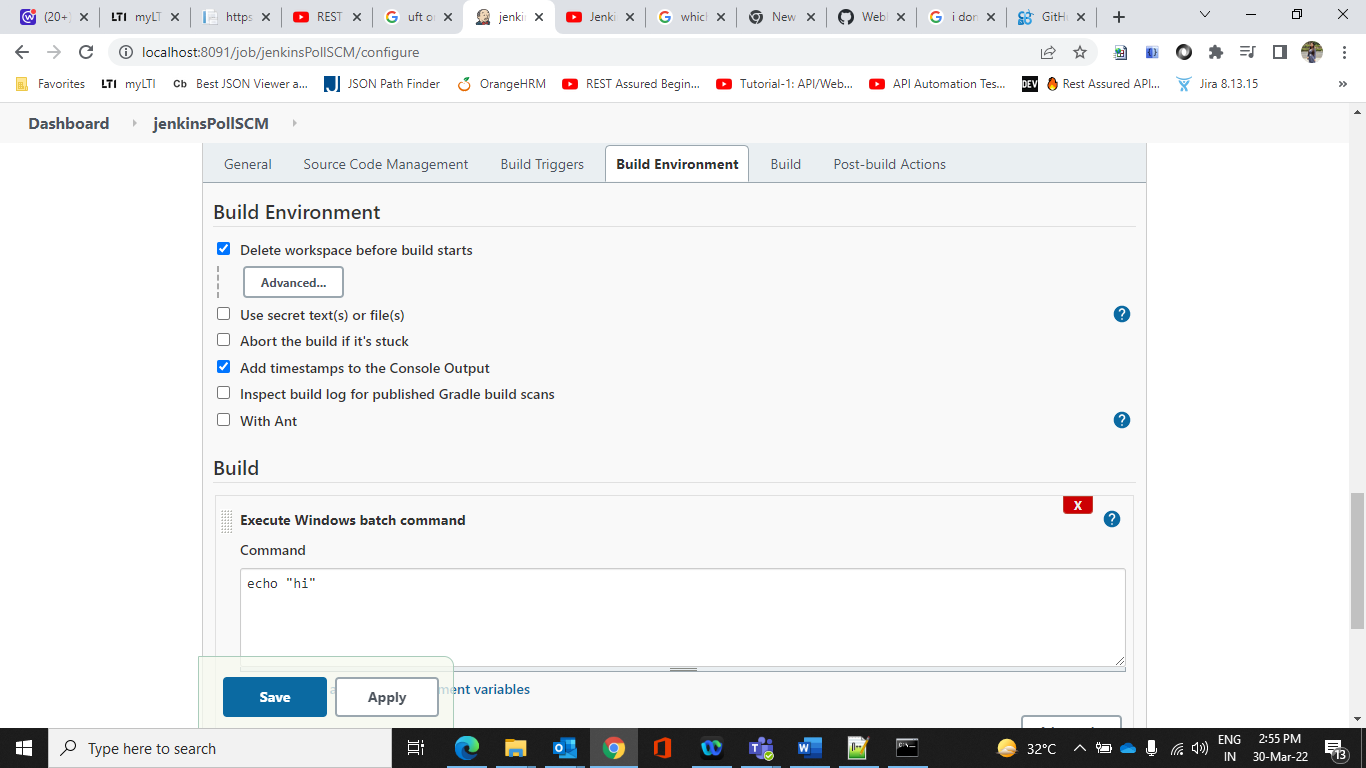


Poll SCM









1. Jenkins Maven Integration