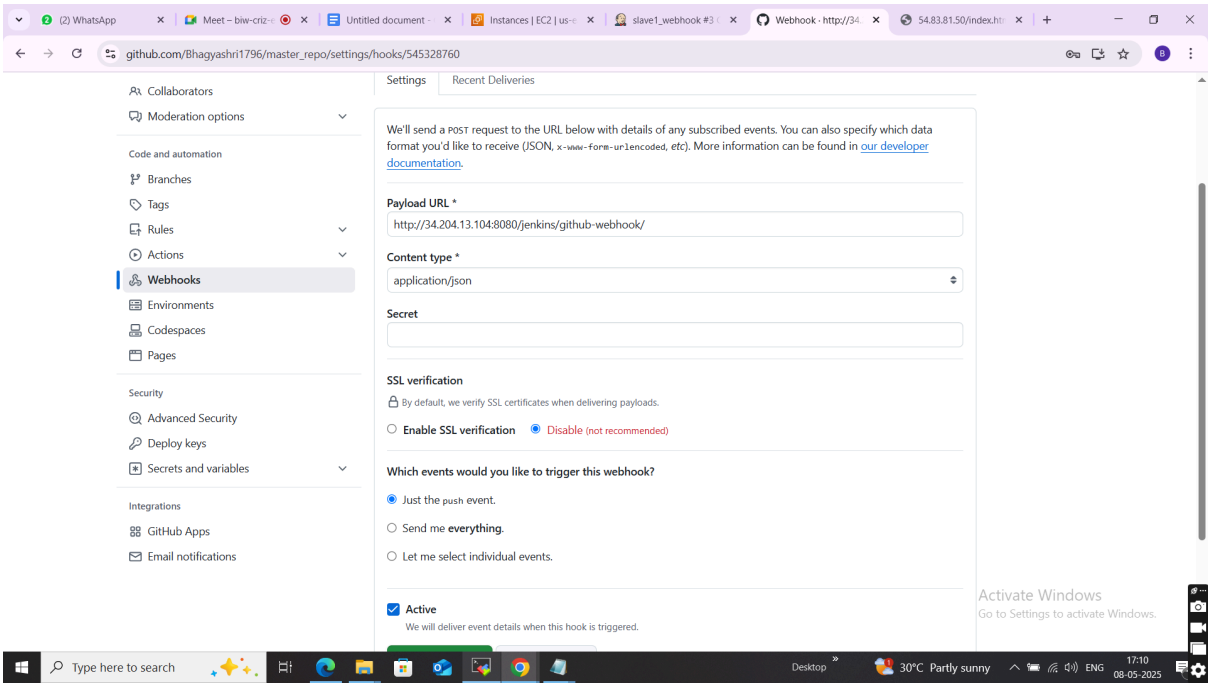
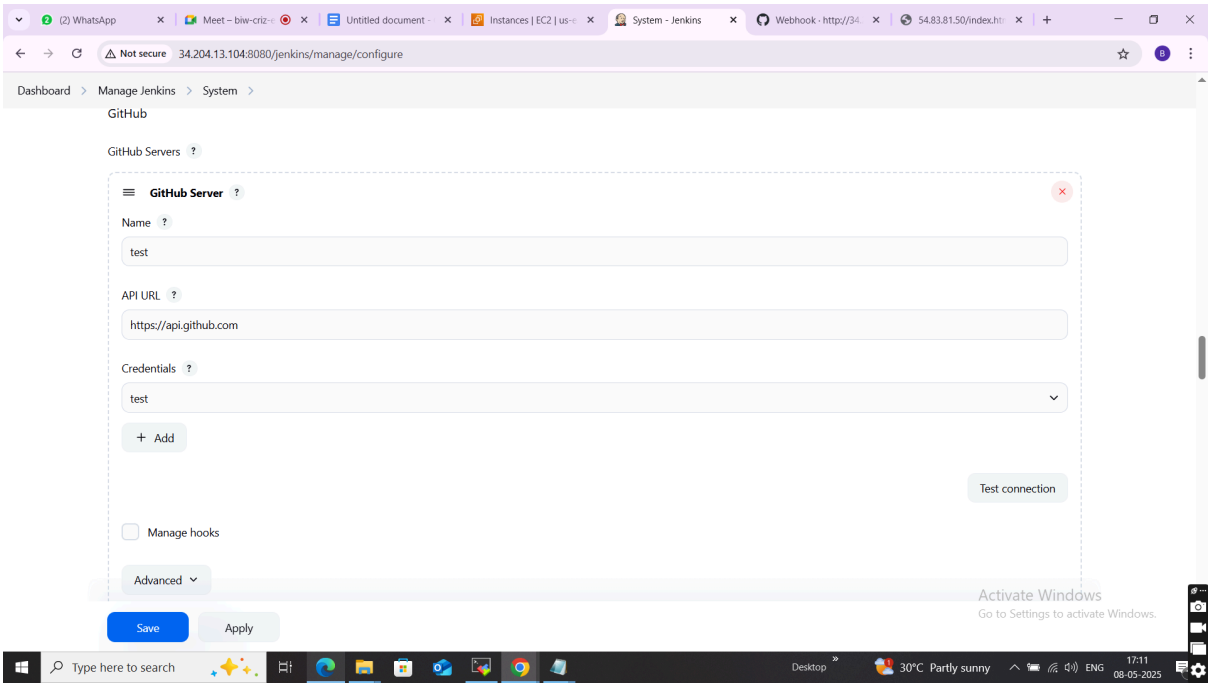
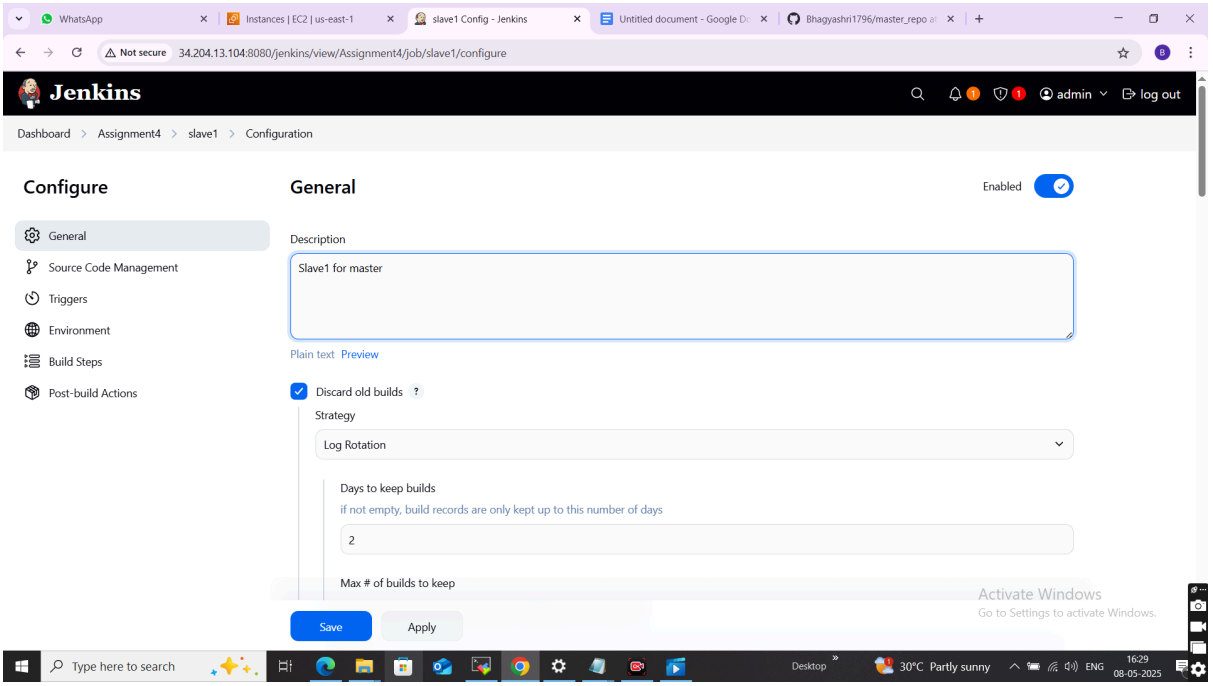
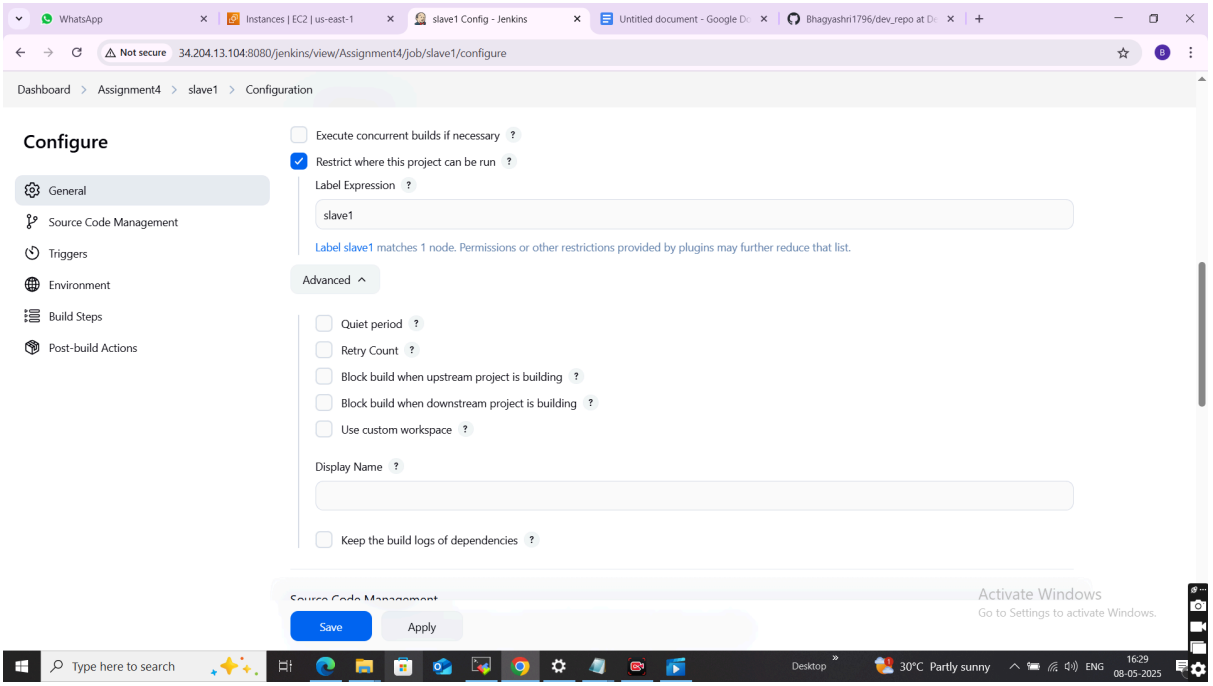
Assignment 4: create three repository
1-master_repo with master branch
2.Dev_repo with dev branch
3.QA_repo with QA branch
And create slave for each repo and create 1job to install httpd and 1 job to deploy updated index.html

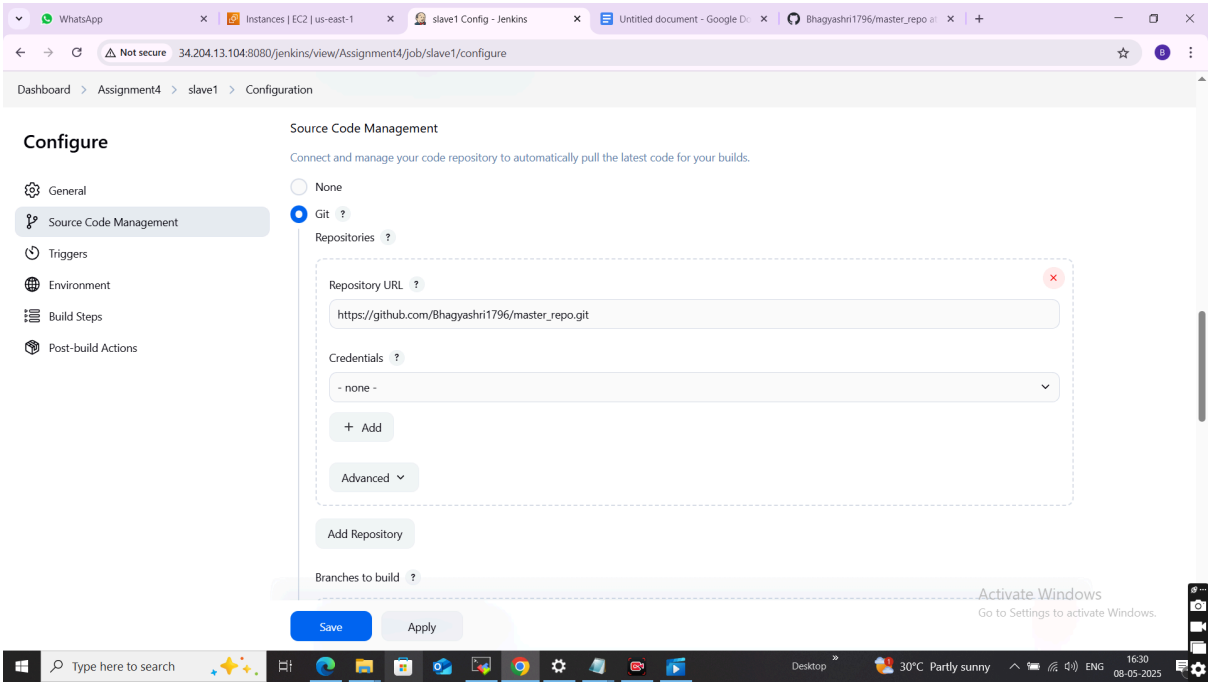
Setup webhook in jenkins git server and github each repo

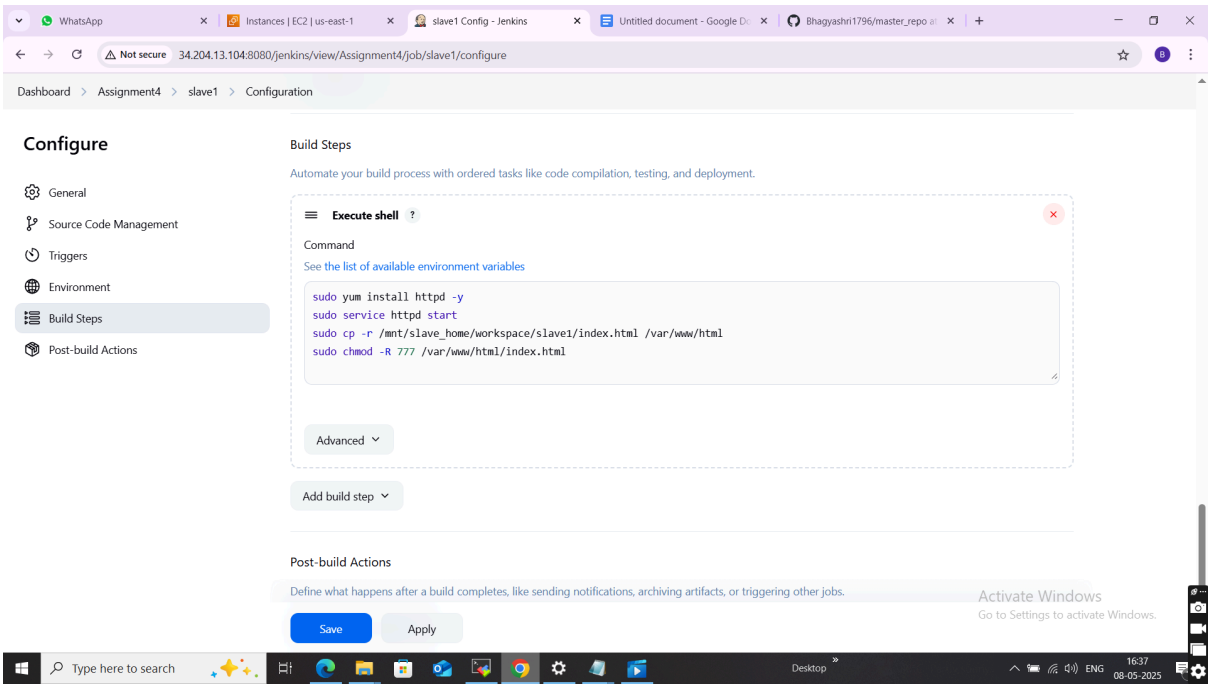


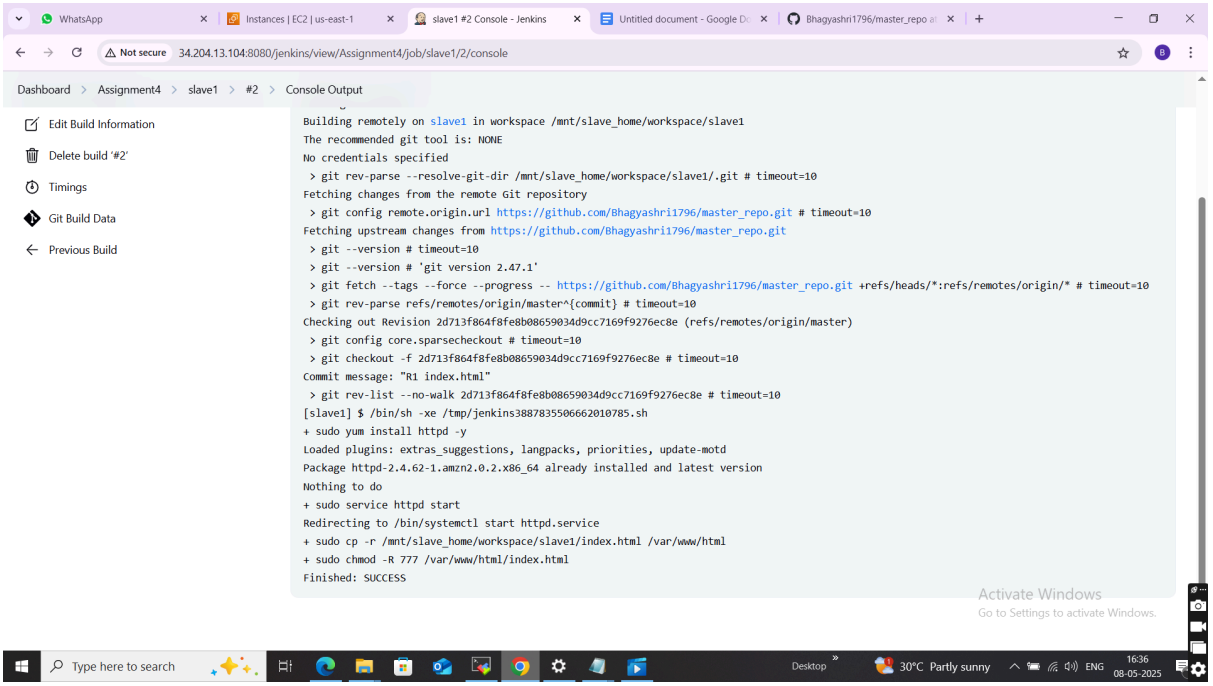


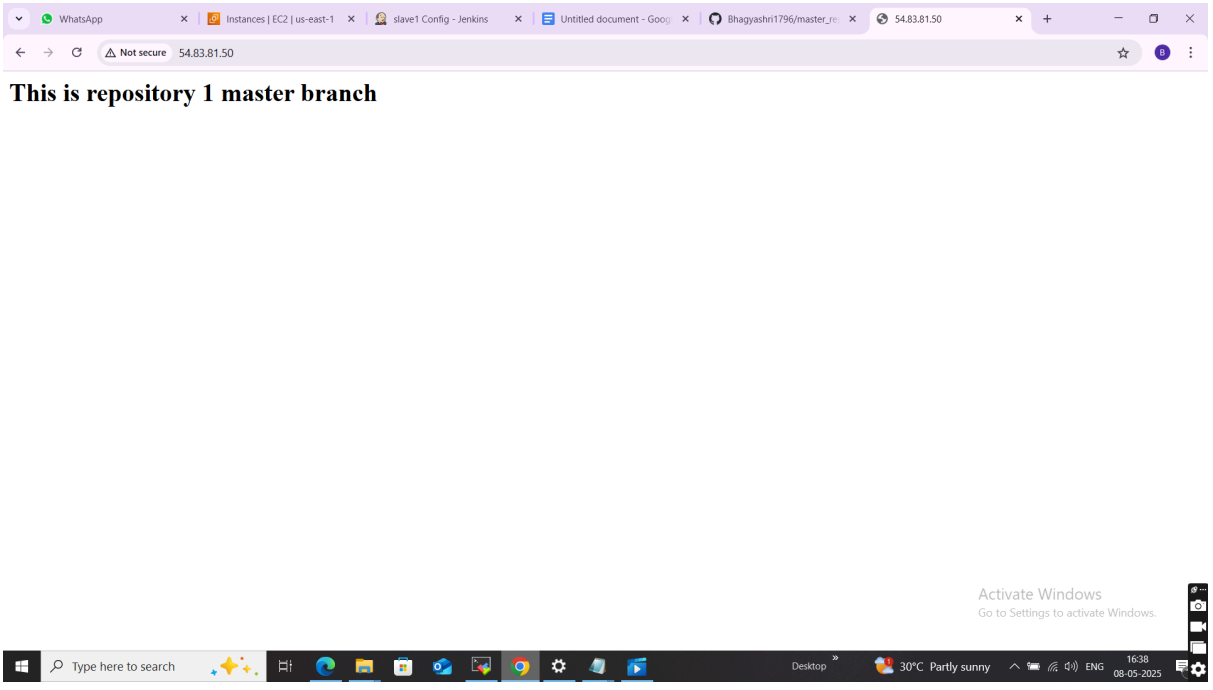

Jenkins
admin
log out
Dashboard > Assignment4 > slave1 > Configuration
Configure
General
Source Code Management
Triggers
Environment
Build Steps
Post-build Actions
General
Enabled
Description
Slave1 for master
Plain text Preview
Discard old builds
Strategy
Log Rotation
Days to keep builds
if not empty, build records are only kept up to this number of days
2
Max # of builds to keep
Save
Apply
Activate Windows
Go to Settings to activate Windows.

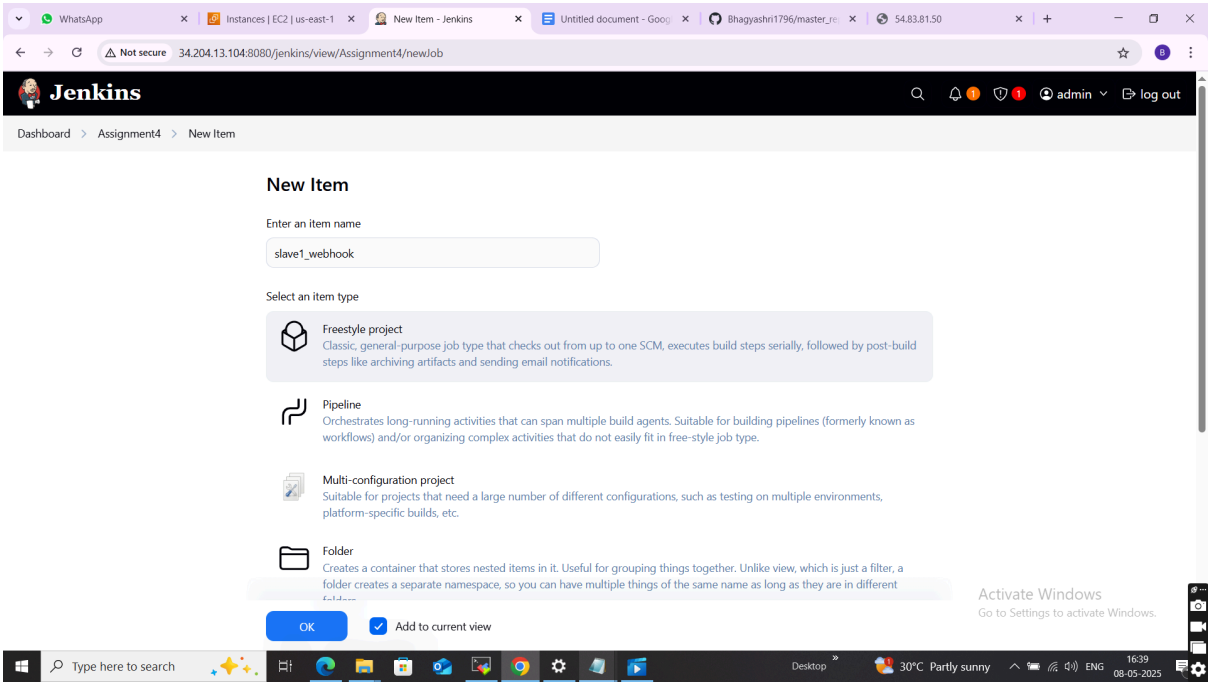

Dashboard > Assignment4 > slave1 > Configuration
Configure
General
Source Code Management
Triggers
Environment
Build Steps
Post-build Actions
Execute concurrent builds if necessary
Restrict where this project can be run
Label Expression
slave1
Label slave1 matches 1 node. Permissions or other restrictions provided by plugins may further reduce that list.
Advanced
Quiet period
Retry Count
Block build when upstream project is building
Block build when downstream project is building
Use custom workspace
Display Name
Keep the build logs of dependencies
Save
Apply
Activate Windows
Go to Settings to activate Windows.

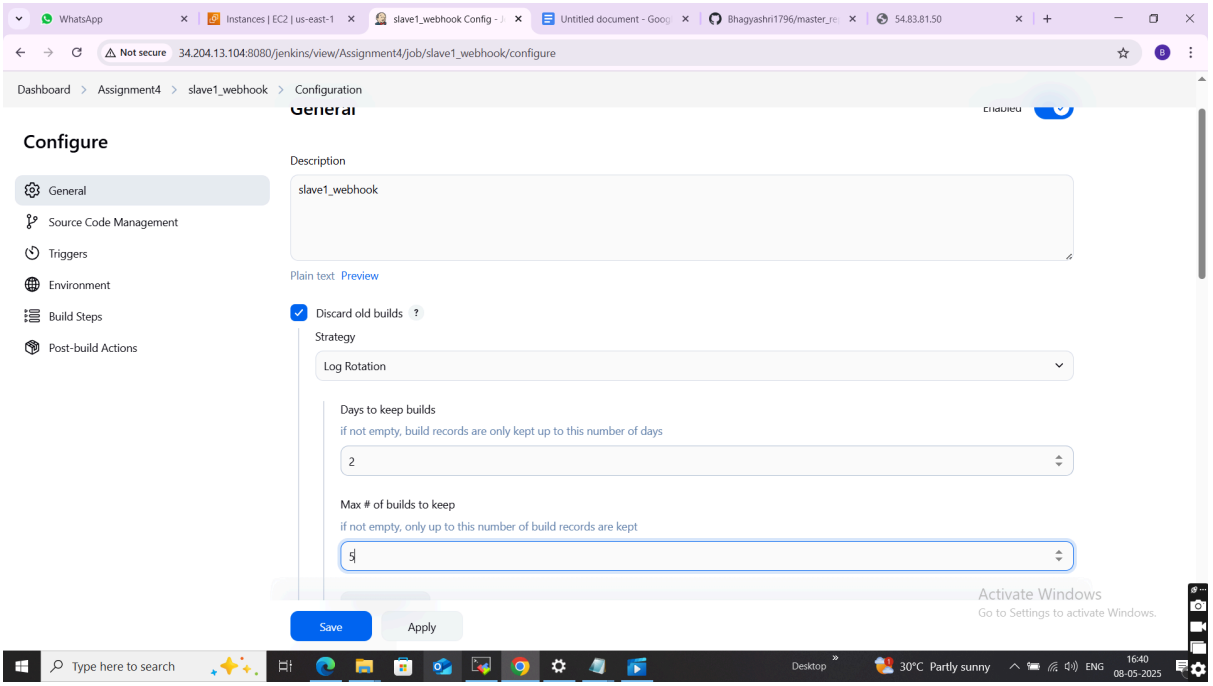

WhatsApp
Instances | EC2 | us-east-1
slave1 Config - Jenkins
Untitled document - Google Do
Bhagyashri1796/master_repo at
Not secure
34.204.13.104:8080/jenkins/view/Assignment4/job/slave1/configure
Dashboard > Assignment4 > slave1 > Configuration
Configure
General
Source Code Management
Triggers
Environment
Build Steps
Post-build Actions
Source Code Management
Connect and manage your code repository to automatically pull the latest code for your builds.
None
Git
Repositories
Repository URL
https://github.com/Bhagyashri1796/master_repo.git
Credentials
- none -
Add
Advanced
Add Repository
Branches to build
Activate Windows
Go to Settings to activate Windows.
Save
Apply
Type here to search
Desktop
30°C Partly sunny
ENG
16:30
08-05-2025

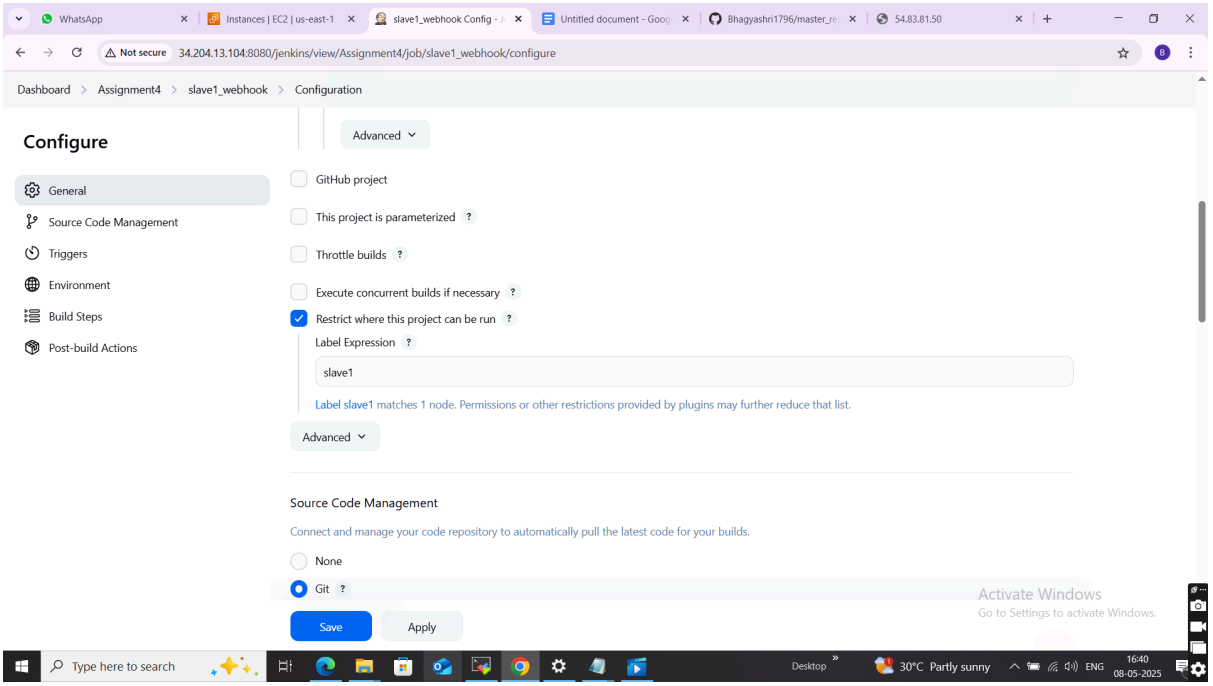

WhatsApp
Instances | EC2 | us-east-1
slave1 Config - Jenkins
Untitled document - Google Do
Bhagyashri1796/master_repo at
Not secure
34.204.13.104:8080/jenkins/view/Assignment4/job/slave1/configure
Dashboard > Assignment4 > slave1 > Configuration
Configure
General
Source Code Management
Triggers
Environment
Build Steps
Post-build Actions
Build Steps
Automate your build process with ordered tasks like code compilation, testing, and deployment.
Execute shell
Command
See the list of available environment variables
sudo yum install httpd -y
sudo service httpd start
sudo cp -r /mnt/slave_home/workspace/slave1/index.html /var/www/html
sudo chmod -R 777 /var/www/html/index.html
Advanced
Add build step
Post-build Actions
Define what happens after a build completes, like sending notifications, archiving artifacts, or triggering other jobs.
Activate Windows
Go to Settings to activate Windows.
Save
Apply
Type here to search
Desktop
ENG
16:37
08-05-2025

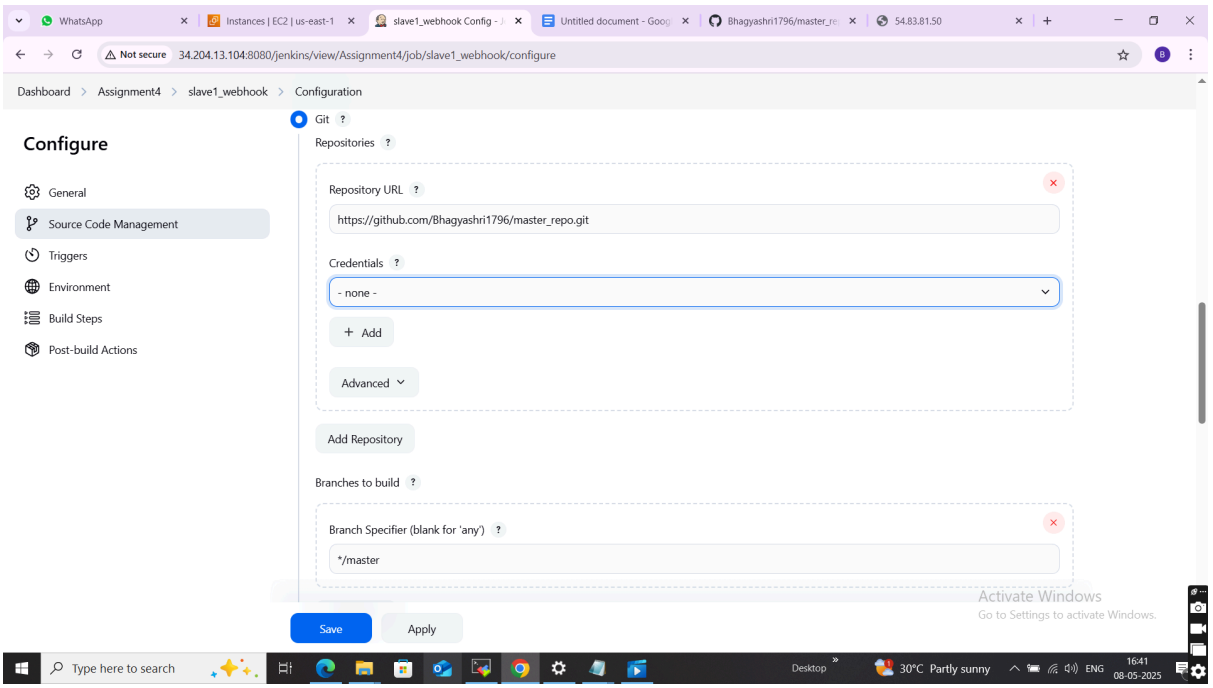

WhatsApp
Instances | EC2 | us-east-1
slave1 #2 Console - Jenkins
Not secure 34.204.13.104:8080/jenkins/view/Assignment4/job/slave1/2/console
Dashboard > Assignment4 > slave1 > #2 > Console Output
Edit Build Information
Delete build '#2'
Timings
Git Build Data
Previous Build
Building remotely on slave1 in workspace /mnt/slave_home/workspace/slave1
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /mnt/slave_home/workspace/slave1/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/Bhagyashri1796/master_repo.git # timeout=10
Fetching upstream changes from https://github.com/Bhagyashri1796/master_repo.git
> git --version # timeout=10
> git --version # 'git version 2.47.1'
> git fetch --tags --force --progress -- https://github.com/Bhagyashri1796/master_repo.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/master^{commit} # timeout=10
Checking out Revision 2d713f864f8fe8b08659034d9cc7169f9276ec8e (refs/remotes/origin/master)
> git config core.sparsecheckout # timeout=10
> git checkout -f 2d713f864f8fe8b08659034d9cc7169f9276ec8e # timeout=10
Commit message: "R1 index.html"
> git rev-list --no-walk 2d713f864f8fe8b08659034d9cc7169f9276ec8e # timeout=10
[slave1] $ /bin/sh -xe /tmp/jenkins3887835506662010785.sh
+ sudo yum install httpd -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Package httpd-2.4.62-1.amzn2.0.2.x86_64 already installed and latest version
Nothing to do
+ sudo service httpd start
Redirecting to /bin/systemctl start httpd.service
+ sudo cp -r /mnt/slave_home/workspace/slave1/index.html /var/www/html
+ sudo chmod -R 777 /var/www/html/index.html
Finished: SUCCESS
Activate Windows
Go to Settings to activate Windows.
Type here to search
Desktop
30°C Partly sunny
ENG
16:36
08-05-2025

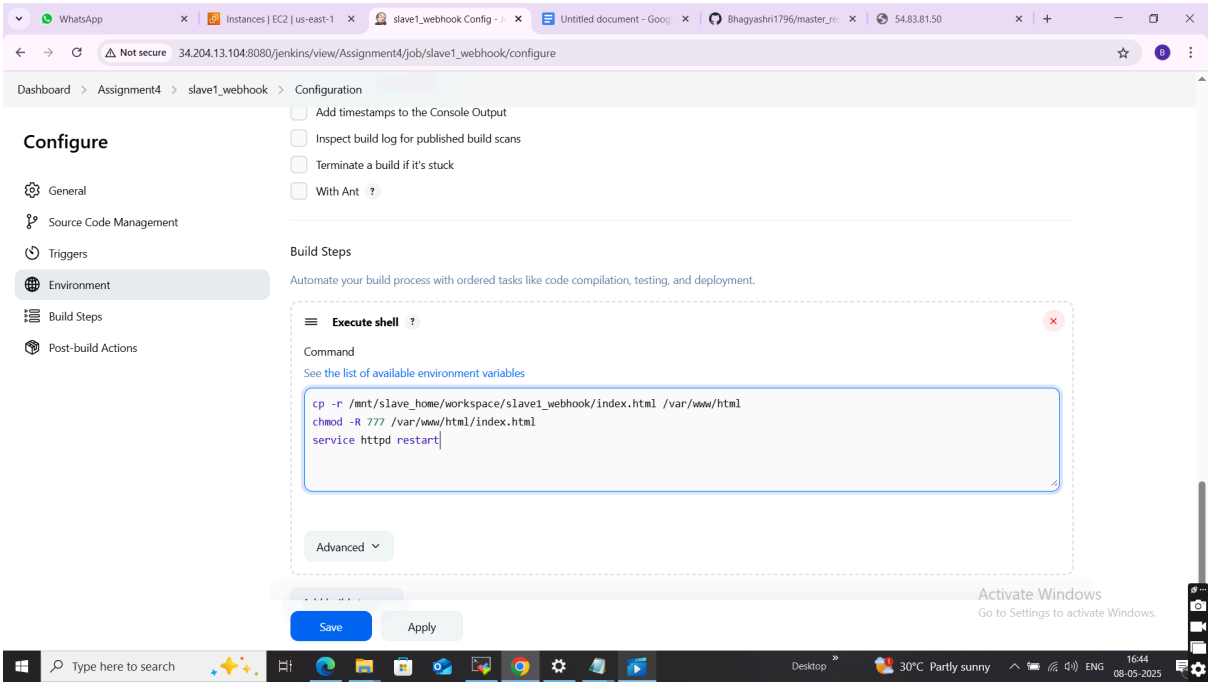

WhatsApp
Instances | EC2 | us-east-1
slave1 Config - Jenkins
54.83.81.50
Not secure 54.83.81.50
This is repository 1 master branch
Activate Windows
Go to Settings to activate Windows.
Type here to search
Desktop
30°C Partly sunny
ENG
16:38
08-05-2025

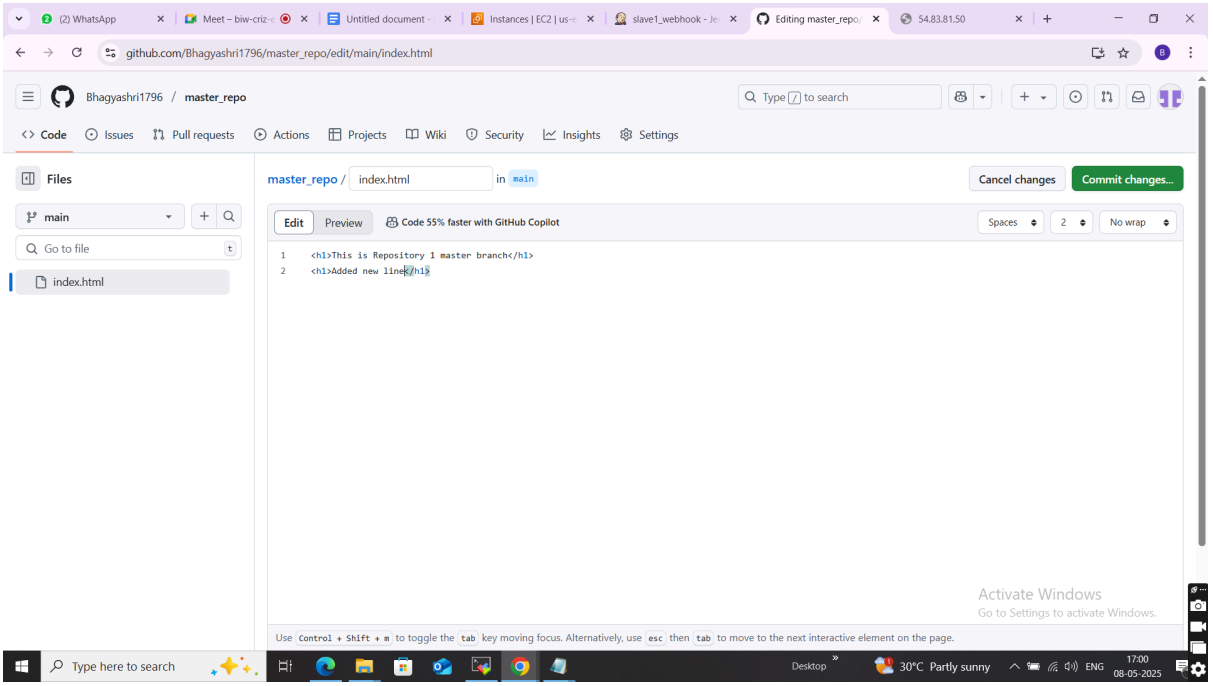

Jenkins
admin
log out
Dashboard > Assignment4 > New Item
New Item
Enter an item name
slave1_webhook
Select an item type
Freestyle project
Classic, general-purpose job type that checks out from up to one SCM, executes build steps serially, followed by post-build steps like archiving artifacts and sending 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
Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different
OK
Add to current view
Activate Windows
Go to Settings to activate Windows.

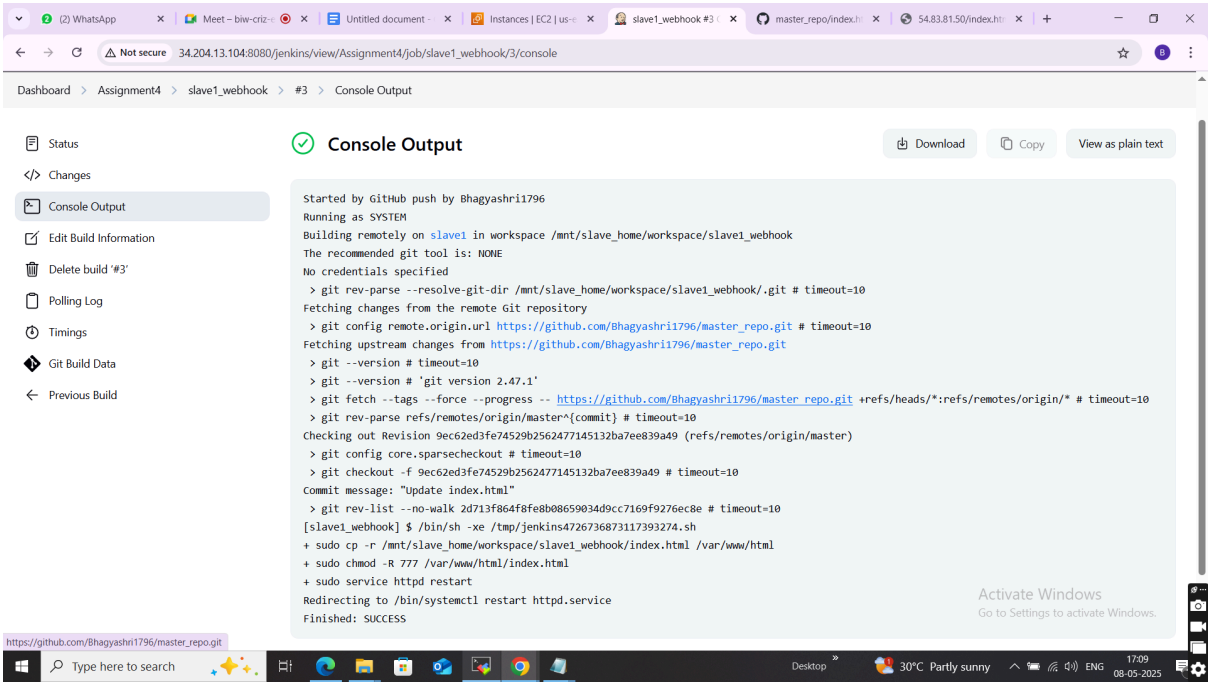

Dashboard > Assignment4 > slave1_webhook > Configuration
Configure
General
Source Code Management
Triggers
Environment
Build Steps
Post-build Actions
Description
slave1_webhook
Plain text Preview
Discard old builds
Strategy
Log Rotation
Days to keep builds
if not empty, build records are only kept up to this number of days
2
Max # of builds to keep
if not empty, only up to this number of build records are kept
5
Save
Apply
Activate Windows
Go to Settings to activate Windows.

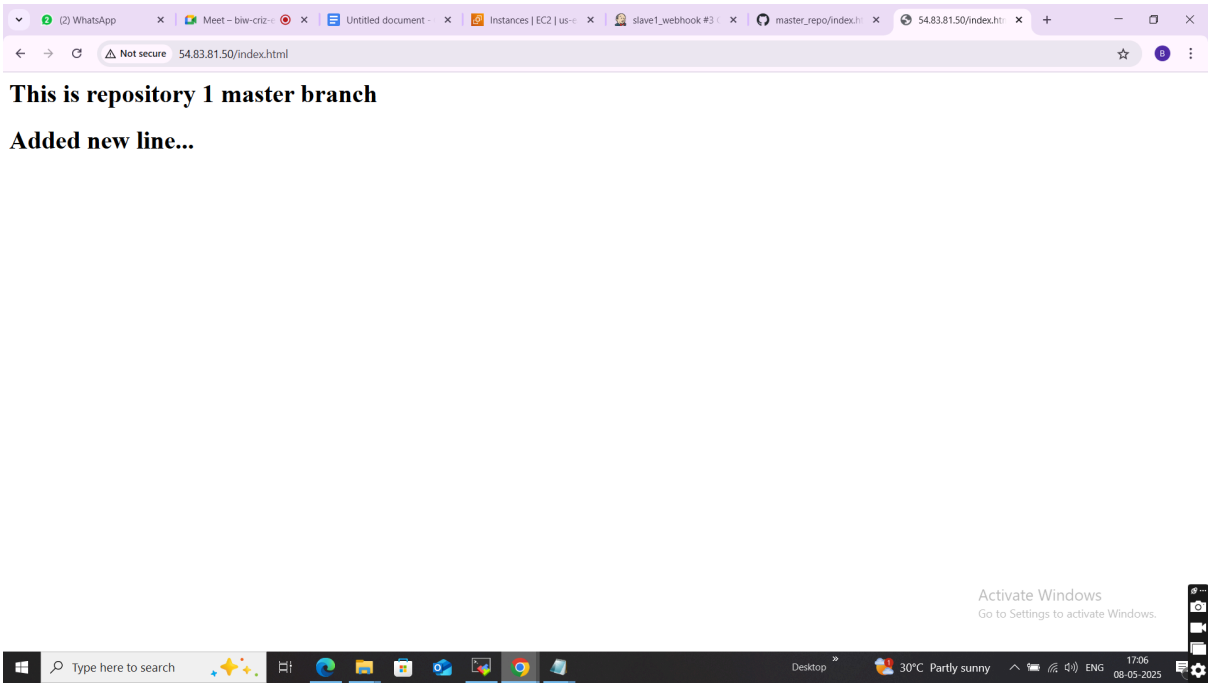

WhatsApp
Instances | EC2 | us-east-1
slave1_webhook Config
Untitled document - Goog
Bhagyashri1796/master_re
54.83.81.50
Not secure
34.204.13.104:8080/jenkins/view/Assignment4/job/slave1_webhook/configure
Dashboard > Assignment4 > slave1_webhook > Configuration
Configure
General
Source Code Management
Triggers
Environment
Build Steps
Post-build Actions
Advanced
GitHub project
This project is parameterized
Throttle builds
Execute concurrent builds if necessary
Restrict where this project can be run
Label Expression
slave1
Label slave1 matches 1 node. Permissions or other restrictions provided by plugins may further reduce that list.
Advanced
Source Code Management
Connect and manage your code repository to automatically pull the latest code for your builds.
None
Git
Save
Apply
Activate Windows
Go to Settings to activate Windows.
Type here to search
Desktop
30°C Partly sunny
ENG
16:40
08-05-2025


WhatsApp
Instances | EC2 | us-east-1
slave1_webhook Config
Untitled document - Goog
Bhagyashri1796/master_re
54.83.81.50
Not secure
34.204.13.104:8080/jenkins/view/Assignment4/job/slave1_webhook/configure
Dashboard > Assignment4 > slave1_webhook > Configuration
Configure
General
Source Code Management
Triggers
Environment
Build Steps
Post-build Actions
Git
Repositories
Repository URL
https://github.com/Bhagyashri1796/master_repo.git
Credentials
- none -
Add
Advanced
Add Repository
Branches to build
Branch Specifier (blank for 'any')
*/master
Save
Apply
Activate Windows
Go to Settings to activate Windows.
Type here to search
Desktop
30°C Partly sunny
ENG
16:41
08-05-2025


Dashboard > Assignment4 > slave1_webhook > Configuration
Configure
General
Source Code Management
Triggers
Environment
Build Steps
Post-build Actions
Add timestamps to the Console Output
Inspect build log for published build scans
Terminate a build if it's stuck
With Ant
Build Steps
Automate your build process with ordered tasks like code compilation, testing, and deployment.
Execute shell
Command
See the list of available environment variables
cp -r /mnt/slave_home/workspace/slave1_webhook/index.html /var/www/html
chmod -R 777 /var/www/html/index.html
service httpd restart
Advanced
Save
Apply


github.com/Bhagyashri1796/master_repo/edit/main/index.html
Bhagyashri1796 / master_repo
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Files
main
index.html
master_repo / index.html in main
Cancel changes
Commit changes...
Edit
Preview
Code 55% faster with GitHub Copilot
<h1>This is Repository 1 master branch</h1>
<h1>Added new line</h1>


Not secure 34.204.13.104:8080/jenkins/view/Assignment4/job/slave1_webhook/3/console
Dashboard > Assignment4 > slave1_webhook > #3 > Console Output
Status
Changes
Console Output
Edit Build Information
Delete build '#3'
Polling Log
Timings
Git Build Data
Previous Build
Console Output
Download
Copy
View as plain text
Started by GitHub push by Bhagyashri1796
Running as SYSTEM
Building remotely on slave1 in workspace /mnt/slave_home/workspace/slave1_webhook
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /mnt/slave_home/workspace/slave1_webhook/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/Bhagyashri1796/master_repo.git # timeout=10
Fetching upstream changes from https://github.com/Bhagyashri1796/master_repo.git
> git --version # timeout=10
> git --version # 'git version 2.47.1'
> git fetch --tags --force --progress -- https://github.com/Bhagyashri1796/master_repo.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/master^{commit} # timeout=10
Checking out Revision 9ec62ed3fe74529b2562477145132ba7ee839a49 (refs/remotes/origin/master)
> git config core.sparsecheckout # timeout=10
> git checkout -f 9ec62ed3fe74529b2562477145132ba7ee839a49 # timeout=10
Commit message: "Update index.html"
> git rev-list --no-walk 2d713f864f8fe8b08659034d9cc7169f9276ec8e # timeout=10
[slave1_webhook] $ /bin/sh -xe /tmp/jenkins4726736873117393274.sh
+ sudo cp -r /mnt/slave_home/workspace/slave1_webhook/index.html /var/www/html
+ sudo chmod -R 777 /var/www/html/index.html
+ sudo service httpd restart
Redirecting to /bin/systemctl restart httpd.service
Finished: SUCCESS
Activate Windows
Go to Settings to activate Windows.
https://github.com/Bhagyashri1796/master_repo.git
Type here to search
Desktop
30°C Partly sunny
ENG
17:09
08-05-2025


Not secure 54.83.81.50/index.html
This is repository 1 master branch
Added new line...
Activate Windows
Go to Settings to activate Windows.
Type here to search
Desktop
30°C Partly sunny
ENG
17:06
08-05-2025