

clone-repo-with-plugins

1) Login into Jenkin

2) Go to setting

Install Git

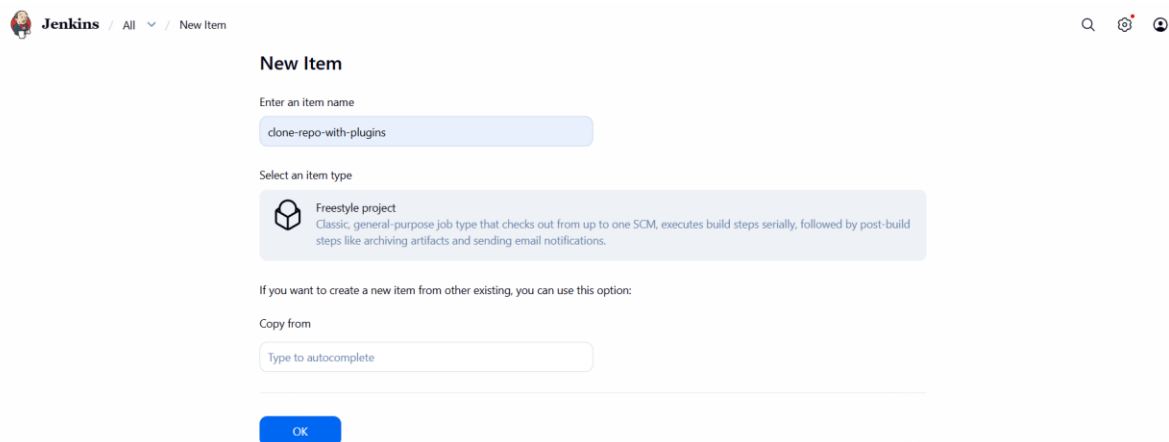
Go to **Available plugins**

Search for **Git**

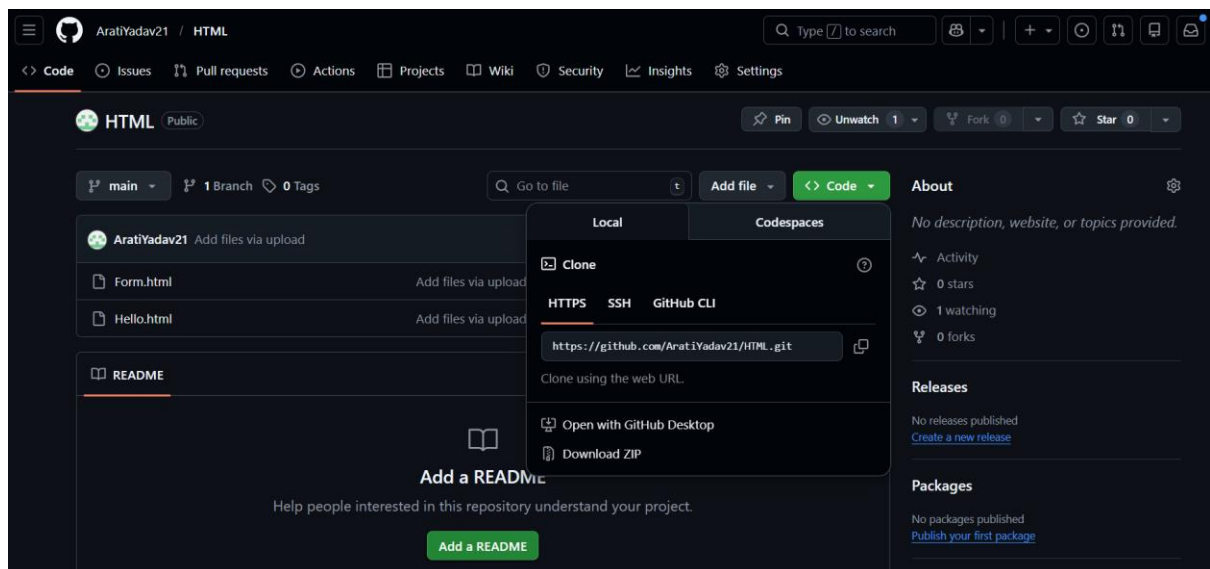
Click **Install** → restart Jenkins if prompted.

3) **New Item** → **clone-repo-with-plugins**

Choose **Freestyle project**

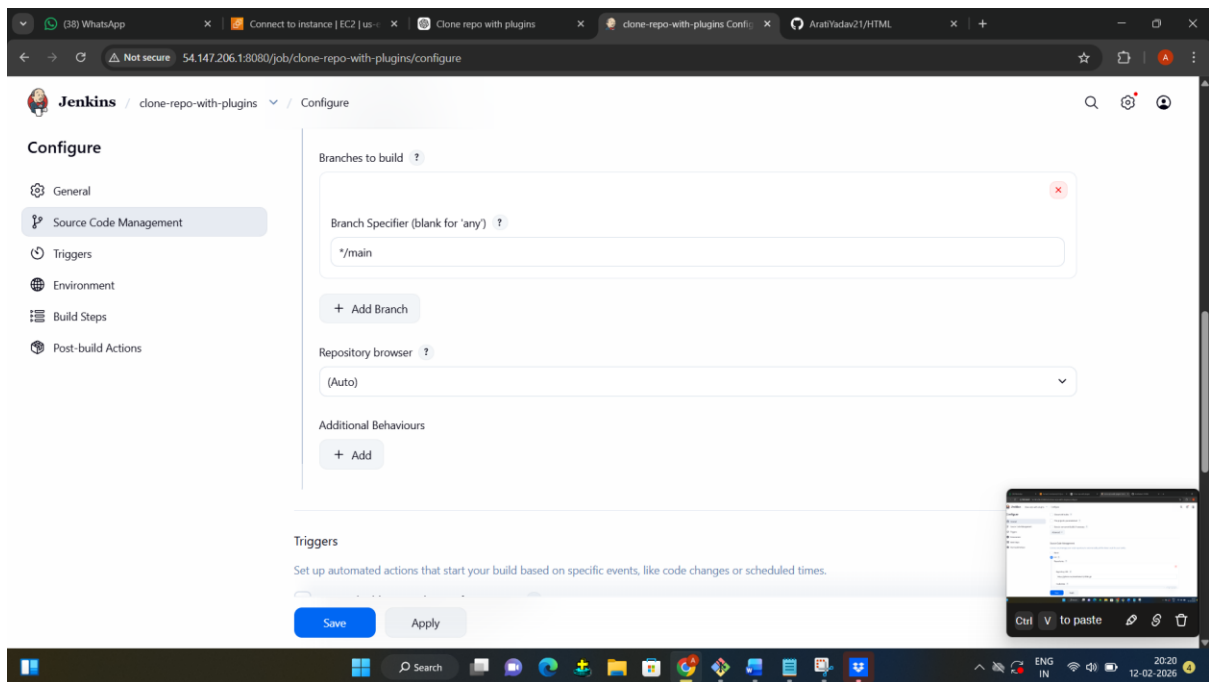
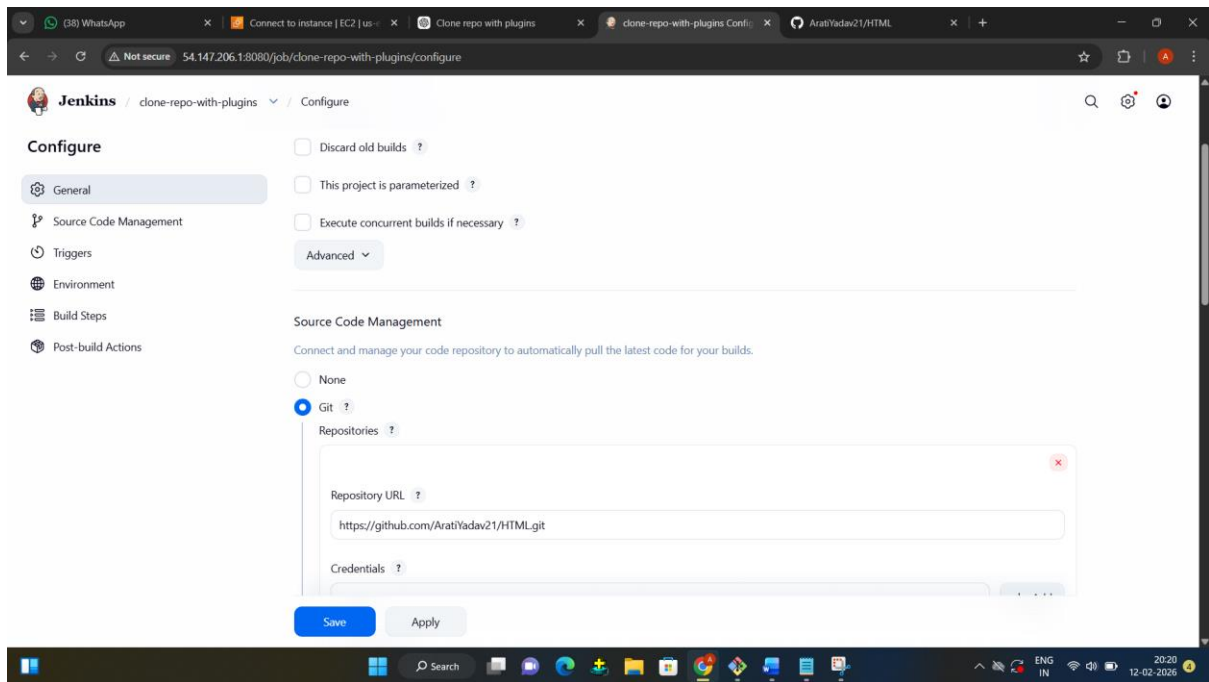


4) Copy Github Repository URL



5) Under **Source Code Management – Git**

Paste- Repo URL + credentials



6) Save & Build



Jenkins / clone-repo-with-plugins

Status

clone-repo-with-plugins

</> Changes

Permalinks

Workspace

Build Now

Configure

Delete Project

Rename

Builds >

...

Today

✓ #1 2:51 PM

▼



Jenkins

+ New Item

Build History

Build Queue

No builds in the queue.

Build Executor Status

0/2

Search Settings User

Add description

All +

S	W	Name ↓	Last Success	Last Failure	Last Duration	
✓	☀	clone-repo-with-plugins	16 sec #1	N/A	0.58 sec	▶
✓	☀	First-Job	1 day 2 hr #1	N/A	0.41 sec	▶
✓	☀	second-job	1 day 2 hr #1	N/A	0.27 sec	▶
✓	☁	Third-job	1 day 1 hr #5	1 day 1 hr #4	44 ms	▶

Icons: S M L

...

7) Go to Git Bash

```
cd /var/lib/Jenkins
```

```
ls
```

```

ubuntu@ip-172-31-19-18:~$ git --version
git version 2.43.0
ubuntu@ip-172-31-19-18:~$ cd /var/lib/jenkins/
ubuntu@ip-172-31-19-18:/var/lib/jenkins$ ls
config.xml                               plugins
hudson.model.UpdateCenter.xml           queue.xml
hudson.plugins.git.GitTool.xml          queue.xml.bak
identity.key.enc                        secret.key
jenkins.install.InstallUtil.lastExecVersion secret.key.not-so-secret
jenkins.install.UpgradeWizard.state    secrets
jenkins.model.JenkinsLocationConfiguration.xml updates
jenkins.telemetry.Correlator.xml        userContent
jobs                                     users
nodeMonitors.xml                       workspace
ubuntu@ip-172-31-19-18:/var/lib/jenkins$ |

```

cd workspace

```

ubuntu@ip-172-31-19-18:/var/lib/jenkins$ cd workspace
ubuntu@ip-172-31-19-18:/var/lib/jenkins/workspace$ ls
First-Job Third-job clone-repo-with-plugins clone-repo-without-plugins job3 second-job
ubuntu@ip-172-31-19-18:/var/lib/jenkins/workspace$ |

```

cd clone-repo-with-plugins

ls

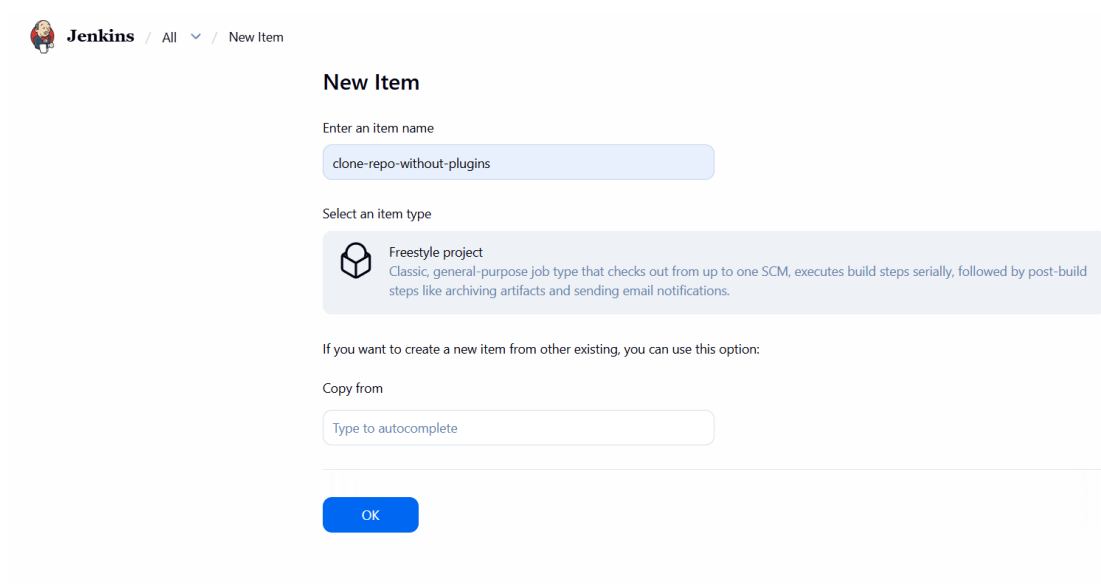
```

ubuntu@ip-172-31-19-18:/var/lib/jenkins/workspace$ cd clone-repo-with-plugins
ubuntu@ip-172-31-19-18:/var/lib/jenkins/workspace/clone-repo-with-plugins$ ls
Form.html Hello.html
ubuntu@ip-172-31-19-18:/var/lib/jenkins/workspace/clone-repo-with-plugins$ |

```

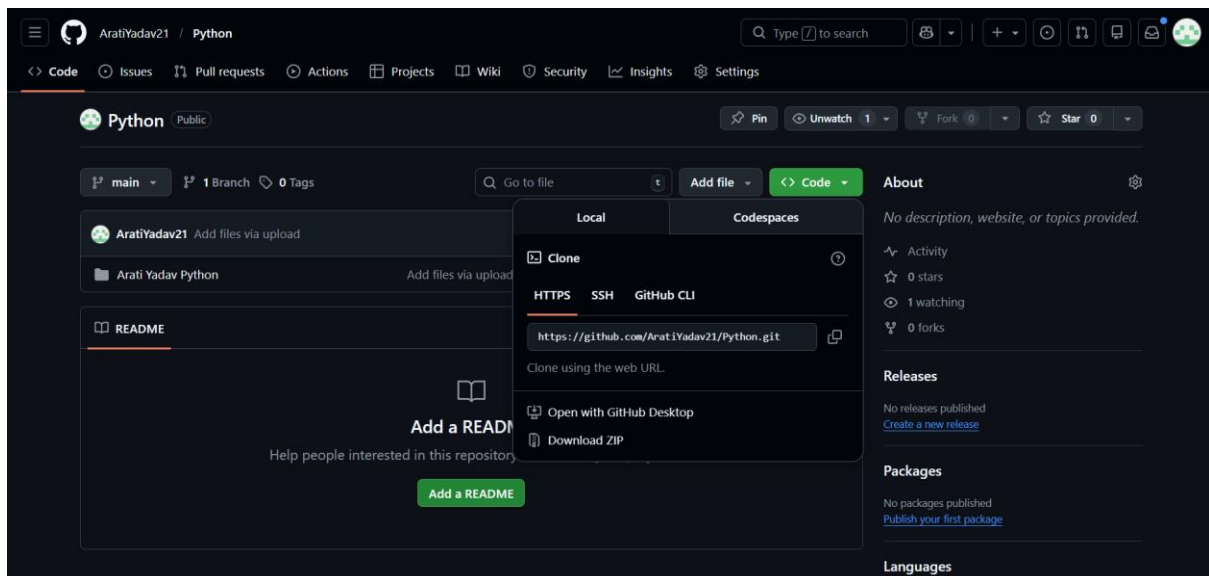
clone-repo-without-plugins

1) New Item → clone-repo-without-plugins Choose Freestyle project



The image shows the Jenkins 'New Item' configuration page. At the top, the breadcrumb is 'Jenkins / All / New Item'. The main heading is 'New Item'. Below it, there is a text input field for 'Enter an item name' with the value 'clone-repo-without-plugins'. Underneath is a section 'Select an item type' with a highlighted 'Freestyle project' option, described as '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.' Below this, there is a section 'If you want to create a new item from other existing, you can use this option:' with a 'Copy from' dropdown menu showing 'Type to autocomplete'. At the bottom right is a blue 'OK' button.

2) Copy Github Repository URL



3) Go to Build Steps – Execute Shell

Git clone <https://github.com/AratiYadav21/Python.git>

Save And Build

Jenkins / clone-repo-without-plugins / Configure

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

```
git clone https://github.com/AratiYadav21/Python.git
```

Advanced ▾

+ Add build step

Post-build Actions

Define what happens after a build completes, like sending notifications, archiving artifacts, or triggering other jobs.

Save Apply

4) Check Console Output

Jenkins / clone-repo-without-plugins / #2

Status

Changes

Console Output

Edit Build Information

Delete build '#2'

Previous Build

Console

Download Copy View as plain text

```
Started by user: Arati Yadav
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/clone-repo-without-plugins
[clone-repo-without-plugins] $ /bin/sh -xe /tmp/jenkins9446060054702521825.sh
+ git clone https://github.com/AratiYadav21/python.git
Cloning into 'python'...
Finished: SUCCESS
```

Jenkins

+ New Item

Build History

Build Queue

No builds in the queue.

Build Executor Status

0/2 ▾

All +

S	W	Name ↓	Last Success	Last Failure	Last Duration
✓	☀	clone-repo-with-plugins	9 min 0 sec #1	N/A	0.58 sec ▶
✓	☁	clone-repo-without-plugins	40 sec #2	2 min 31 sec #1	0.46 sec ▶
✓	☀	First-Job	1 day 2 hr #1	N/A	0.41 sec ▶
✓	☀	second-job	1 day 2 hr #1	N/A	0.27 sec ▶
✓	☁	Third-job	1 day 1 hr #5	1 day 1 hr #4	44 ms ▶

Icons: S M L

5) Go to Git Bash

cd /var/lib/Jenkins

ls

cd workspace

cd clone-repo-without-plugins

ls

```
ubuntu@ip-172-31-19-18:/var/lib/jenkins$ ls
config.xml
hudson.model.UpdateCenter.xml
hudson.plugins.git.GitTool.xml
identity.key.enc
jenkins.install.InstallUtil.lastExecVersion
jenkins.install.UpgradeWizard.state
jenkins.model.JenkinsLocationConfiguration.xml
jenkins.telemetry.Correlator.xml
jobs
nodeMonitors.xml
plugins
queue.xml
queue.xml.bak
secret.key
secret.key.not-so-secret
secrets
updates
userContent
users
workspace
ubuntu@ip-172-31-19-18:/var/lib/jenkins$ cd workspace
ubuntu@ip-172-31-19-18:/var/lib/jenkins/workspace$ ls
First-Job Third-job clone-repo-with-plugins clone-repo-without-plugins job3 second-job
ubuntu@ip-172-31-19-18:/var/lib/jenkins/workspace$ ls
First-Job Third-job clone-repo-with-plugins clone-repo-without-plugins job3 second-job
ubuntu@ip-172-31-19-18:/var/lib/jenkins/workspace$ cd clone-repo-without-plugins
ubuntu@ip-172-31-19-18:/var/lib/jenkins/workspace/clone-repo-without-plugins$ ls
HTML Python
```