

The screenshot shows a terminal window with the following content:

```

[ec2-user@ip-172-31-41-244 ~]$ sudo su -
[root@ip-172-31-41-244 ~]# yum install git httpd -y
Amazon Linux 2023 Kernel Livepatch repository    259 kB/s | 31 kB    00:00
Last metadata expiration check: 0:00:01 ago on Thu Feb  5 22:03:54 2026.
Dependencies resolved.
=====
Package           Arch      Version                               Repository      Size
=====
Installing:
git               x86_64    2.50.1-1.amzn2023.0.1               amazonlinux     53 k
httpd             x86_64    2.4.66-1.amzn2023.0.1               amazonlinux     47 k
Installing dependencies:
apr               x86_64    1.7.5-1.amzn2023.0.4               amazonlinux     129 k
apr-util          x86_64    1.6.3-1.amzn2023.0.2               amazonlinux     97 k
apr-util-ldap     x86_64    1.6.3-1.amzn2023.0.2               amazonlinux     13 k
generic-logos-httpd noarch    18.0.0-12.amzn2023.0.3             amazonlinux     19 k
git-core          x86_64    2.50.1-1.amzn2023.0.1               amazonlinux     4.9 M
git-core-doc      noarch    2.50.1-1.amzn2023.0.1               amazonlinux     2.8 M
httpd-core        x86_64    2.4.66-1.amzn2023.0.1               amazonlinux     1.4 M
httpd-filesystem  noarch    2.4.66-1.amzn2023.0.1               amazonlinux     13 k
httpd-tools       x86_64    2.4.66-1.amzn2023.0.1               amazonlinux     81 k
libbrotli         x86_64    1.0.9-4.amzn2023.0.2               amazonlinux     315 k
  
```

2)Getting apache tomcat 10.1.51 zip file and unzip shown

```
che-tomcat-10.1.52.zip
Resolving dlcdn.apache.org (dlcdn.apache.org)... 151.101.2.132, 2a04:4e42::644
Connecting to dlcdn.apache.org (dlcdn.apache.org)|151.101.2.132|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 14869727 (14M) [application/zip]
Saving to: 'apache-tomcat-10.1.52.zip'

apache-tomcat-10.1.5 100%[=====] 14.18M --.-KB/s in 0.04s

2026-02-05 22:05:49 (332 MB/s) - 'apache-tomcat-10.1.52.zip' saved [14869727/14869727]

[root@ip-172-31-41-244 server]# ll
total 14524
-rw-r--r--. 1 root root 14869727 Jan 23 19:35 apache-tomcat-10.1.52.zip
[root@ip-172-31-41-244 server]# unzip apache-tomcat-10.1.52.zip
Archive:  apache-tomcat-10.1.52.zip
  creating: apache-tomcat-10.1.52/
  creating: apache-tomcat-10.1.52/bin/
  creating: apache-tomcat-10.1.52/conf/
  creating: apache-tomcat-10.1.52/lib/
  creating: apache-tomcat-10.1.52/logs/
  creating: apache-tomcat-10.1.52/temp/
  creating: apache-tomcat-10.1.52/webapps/
  creating: apache-tomcat-10.1.52/webapps/ROOT/
  creating: apache-tomcat-10.1.52/webapps/ROOT/WEB-INF/
  creating: apache-tomcat-10.1.52/webapps/docs/
  creating: apache-tomcat-10.1.52/webapps/docs/META-INF/
  creating: apache-tomcat-10.1.52/webapps/docs/WEB-INF/
  creating: apache-tomcat-10.1.52/webapps/docs/WEB-INF/jsp/
  creating: apache-tomcat-10.1.52/webapps/docs/annotationapi/
  creating: apache-tomcat-10.1.52/webapps/docs/api/
  creating: apache-tomcat-10.1.52/webapps/docs/appdev/
  creating: apache-tomcat-10.1.52/webapps/docs/appdev/sample/
  creating: apache-tomcat-10.1.52/webapps/docs/appdev/sample/docs/
```

3)Get Jenkins war file and start tomcat

```
35.154.75.65 (ec2-user)
erminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
Quick cor 2. 35.154.75.65 (ec2-user)
inflating: apache-tomcat-10.1.52/webapps/manager/images/asf-logo.svg
inflating: apache-tomcat-10.1.52/webapps/manager/images/favicon.ico
inflating: apache-tomcat-10.1.52/webapps/manager/images/tomcat.svg
inflating: apache-tomcat-10.1.52/webapps/manager/index.jsp
inflating: apache-tomcat-10.1.52/webapps/manager/status.xsd
inflating: apache-tomcat-10.1.52/webapps/manager/xform.xml
[root@ip-172-31-41-244 server]# ll
total 14540
drwxr-xr-x. 9 root root 16384 Jan 23 19:29 apache-tomcat-10.1.52
-rw-r--r--. 1 root root 14869727 Jan 23 19:35 apache-tomcat-10.1.52.zip
[root@ip-172-31-41-244 server]# rm -rf apache-tomcat-10.1.52
[root@ip-172-31-41-244 server]# chmod 777 -R apache-tomcat-10.1.52
[root@ip-172-31-41-244 server]# cd apache-tomcat-10.1.52/
[root@ip-172-31-41-244 apache-tomcat-10.1.52]# ll
total 184
-rwxrwxrwx. 1 root root 25374 Jan 23 19:29 BUILDING.txt
-rwxrwxrwx. 1 root root 6260 Jan 23 19:29 CONTRIBUTING.md
-rwxrwxrwx. 1 root root 61536 Jan 23 19:29 LICENSE
-rwxrwxrwx. 1 root root 2401 Jan 23 19:29 NOTICE
-rwxrwxrwx. 1 root root 3287 Jan 23 19:29 README.md
-rwxrwxrwx. 1 root root 6949 Jan 23 19:29 RELEASE-NOTES
-rwxrwxrwx. 1 root root 16582 Jan 23 19:29 RUNNING.txt
drwxrwxrwx. 2 root root 16384 Jan 23 19:29 bin
drwxrwxrwx. 2 root root 16384 Jan 23 19:29 conf
drwxrwxrwx. 2 root root 16384 Jan 23 19:29 lib
drwxrwxrwx. 2 root root 6 Jan 23 19:29 logs
drwxrwxrwx. 2 root root 30 Jan 23 19:29 temp
drwxrwxrwx. 7 root root 81 Jan 23 19:29 webapps
drwxrwxrwx. 2 root root 6 Jan 23 19:29 work
[root@ip-172-31-41-244 apache-tomcat-10.1.52]# cd webapps/
[root@ip-172-31-41-244 webapps]# wget https://get.jenkins.io/war-stable/2.541.1/jenkins.war
--2026-02-05 22:07:05-- https://get.jenkins.io/war-stable/2.541.1/jenkins.war
Resolving get.jenkins.io (get.jenkins.io)... 128.24.70.119, 2603:1030:408:3::2bd
Connecting to get.jenkins.io (get.jenkins.io)|128.24.70.119|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://mirror.del.albony.in/jenkins/war-stable/2.541.1/jenkins.war [foll
```

4)Github – index file in repo1 and 2026Q1 branch

Instance details | EC2 | ap-sou... | job1 Config - Jenkins | repo1/index.html at 2026Q1 | Branch Creation Requirements | Repo1 2026Q1

github.com/pratiksha-awsdevops5/repo1/blob/2026Q1/index.html

pratiksha-awsdevops5 / repo1

Code Issues Pull requests Actions Projects Security Insights Settings

2026Q1 repo1 / index.html

pratiksha-awsdevops5 Create index.html

Code Blame 35 lines (32 loc) · 790 Bytes

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>Repo1 2026Q1</title>
6
7   <!-- Google Font -->
8   <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@500;700&display=swap" rel="stylesheet">
9
10  <style>
11    body {
12      margin: 0;
13      height: 100vh;
14      display: flex;
15      align-items: center;
16      justify-content: center;
17      background: linear-gradient(135deg, #1e3c72, #2a5298);
18      font-family: 'Poppins', sans-serif;
19    }
20
```

5)after hit Jenkins url on 8080 port create jobs with credential

Instance details | EC2 | ap-sou... | job3 Config - Jenkins | repo3/index.html at 2026Q3 | Branch Creation Requirements | Repo3 2026Q3

Not secure 35.154.75.65:8080/jenkins/view/all/job/job3/configure

Jenkins / All / job3 / Configure

Configure

- General
- Source Code Management
- Triggers
- Environment
- Build Steps
- Post-build Actions

Credentials ?

ec2-user/***** (mytoken)

Advanced

+ Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ?

*/2026Q3

+ Add Branch

Repository browser ?

(Auto)

Save Apply

6)Build steps

The screenshot shows the Jenkins 'Configure' page for a job named 'job3'. The left sidebar contains a menu with options: General, Source Code Management, Triggers, Environment, Build Steps (selected), and Post-build Actions. The main area is titled 'Build Steps' and includes a description: 'Automate your build process with ordered tasks like code compilation, testing, and deployment.' Below this, there is a section for 'Execute shell' with a 'Command' field containing the following script:

```
service httpd start
rm -rf /var/www/html/*
cp -r index.html /var/www/html/index.html
chmod -R 777 /var/www/html/index.html
```

Below the command field, there is an 'Advanced' dropdown and a '+ Add build step' button. At the bottom, there is a 'Post-build Actions' section with 'Save' and 'Apply' buttons.

7)Build success

The screenshot shows the Jenkins console output for a job named 'job1'. The left sidebar contains a menu with options: Git Build Data and Previous Build. The main area displays the console output, which includes the following commands and their results:

```
using credential mytoken
Cloning the remote Git repository
Cloning repository https://github.com/pratiksha-awsdevops5/repo1.git
> git init /root/.jenkins/workspace/job1 # timeout=10
Fetching upstream changes from https://github.com/pratiksha-awsdevops5/repo1.git
> git --version # timeout=10
> git --version # 'git version 2.50.1'
using GIT_ASKPASS to set credentials mytoken
> git fetch --tags --force --progress -- https://github.com/pratiksha-awsdevops5/repo1.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git config remote.origin.url https://github.com/pratiksha-awsdevops5/repo1.git # timeout=10
> git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
> git rev-parse refs/remotes/origin/2026Q1^{commit} # timeout=10
Checking out Revision ce22af14b330006a0776fc995661d0fcc04a8c02 (refs/remotes/origin/2026Q1)
> git config core.sparsecheckout # timeout=10
> git checkout -f ce22af14b330006a0776fc995661d0fcc04a8c02 # timeout=10
Commit message: "Create index.html"
> git rev-list --no-walk ce22af14b330006a0776fc995661d0fcc04a8c02 # timeout=10
[job1] $ /bin/sh -xe /mnt/server/apache-tomcat-10.1.52/temp/jenkins15544046908381454057.sh
+ service httpd start
Redirecting to /bin/systemctl start httpd.service
+ cp -r index.html /var/www/html/index.html
+ chmod -R 777 /var/www/html/index.html
Finished: SUCCESS
```


8) All 3 jobs created

The screenshot shows the Jenkins dashboard with the 'All' view selected. The dashboard displays a table of jobs with columns for Status (S), Weather (W), Name, Last Success, Last Failure, and Last Duration. Three jobs are listed: job1, job2, and job3. job1 has a status of 'Success' (green checkmark), a weather icon of a sun with clouds, and a last success time of 1 hr 5 min. job2 has a status of 'Success' (green checkmark), a weather icon of a sun, and a last success time of 28 min. job3 has a status of 'Success' (green checkmark), a weather icon of a sun, and a last success time of 44 sec. The 'Build Queue' section shows 'No builds in the queue.' and the 'Build Executor Status' section shows '0/2'.

S	W	Name ↓	Last Success	Last Failure	Last Duration
✓	☁️	job1	1 hr 5 min #3	1 hr 22 min #1	1.3 sec
✓	☀️	job2	28 min #4	N/A	1.1 sec
✓	☀️	job3	44 sec #4	N/A	1.1 sec

9) index file shown on browser

The screenshot shows a web browser displaying the index.html file. The browser's address bar shows the URL '35.154.75.65/index.html'. The main content of the page is a dark blue background with a white text box in the center that reads 'Hello from Repo1 2026Q1 branch'.

10) Repo 2 branch 2026Q2

Instance details | EC2 | ap-south-1 | job2 - Jenkins | repo2/index.html at 2026Q2 · p | Branch Creation Requirements | Repo2 2026Q2

github.com/pratiksha-awsdevops5/repo2/blob/2026Q2/index.html

pratiksha-awsdevops5 / repo2

Code Issues Pull requests Actions Projects Security Insights Settings

2026Q2 repo2 / index.html

pratiksha-awsdevops5 Update index.html

Code Blame 35 lines (32 loc) · 790 Bytes

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>Repo2 2026Q2</title>
6
7   <!-- Google Font -->
8   <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@500;700&display=swap" rel="stylesheet">
9
10  <style>
11    body {
12      margin: 0;
13      height: 100vh;
14      display: flex;
```

11)job-2

Instance details | EC2 | ap-south-1 | job2 Config - Jenkins | repo2/index.html at 2026Q2 · p | Branch Creation Requirements | Repo2 2026Q2

35.154.75.65:8080/jenkins/job/job2/configure

Jenkins / job2 / Configure

Configure

- General
- Source Code Management
- Triggers
- Environment
- Build Steps
- Post-build Actions

Credentials ?

ec2-user/***** (mytoken)

Advanced ▾

+ Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ?

*/2026Q2

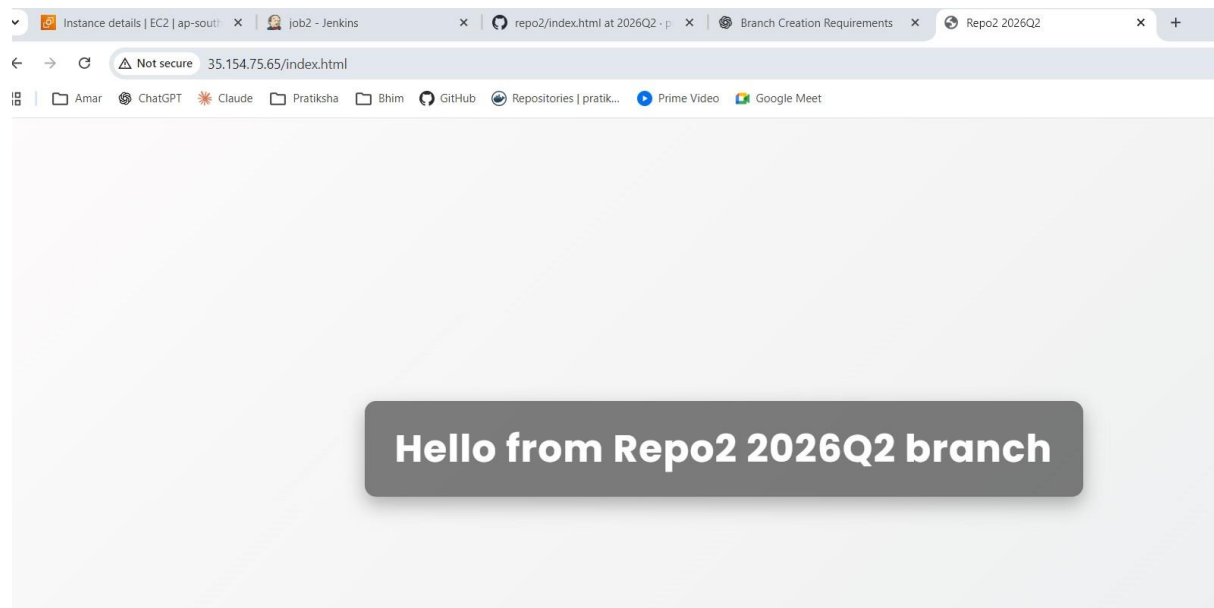
+ Add Branch

Repository browser ?

(Auto)

Save Apply

12) index file from job2 hit on browser



13) index file from repo3 branch 2026Q3 hit

