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ROLLNO: 23EE032

STEP 1 : LAUNCH EC2

EC2 > Instances

Successfully initiated termination (deletion) of i-0965fad641e5f5e42

Instances (1/3) Info

Find Instance by attribute or tag (case-sensitive) Running

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
git-server	i-0c3157e7652160abb	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1b	ec2-3-110-166-69.ap-south-1.compute.amazonaws.com
nginx-server	i-04aa8552d68435442	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1b	ec2-65-0-107-47.ap-south-1.compute.amazonaws.com
jenkins	i-04691d89c581a6070	Initializing	t2.micro	Initializing	View alarms +	ap-south-1b	ec2-3-111-37-219.ap-south-1.compute.amazonaws.com

i-04691d89c581a6070 (jenkins)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary Info

Instance ID i-04691d89c581a6070

IPv6 address -

Public IPv4 address copied

Public IPv4 address 3.111.37.219 | open address

Instance state Running

Private IPv4 addresses 172.31.13.58

Public DNS ec2-3-111-37-219.ap-south-1.compute.amazonaws.com

Step 2: Login to Ubuntu

```
Microsoft Windows [Version 10.0.26100.4351]
(c) Microsoft Corporation. All rights reserved.

C:\Users\sweth\Downloads>ssh -i kumar.pem ubuntu@13.233.194.43
The authenticity of host '13.233.194.43 (13.233.194.43)' can't be established.
ED25519 key fingerprint is SHA256:IifQF05HTA32LOItGUx0b2FQbuIxE95nLB4jfp0mmQ.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '13.233.194.43' (ED25519) to the list of known hosts.
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.8.0-1029-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Tue Jul  8 06:13:35 UTC 2025

System load:  0.0                Processes:            105
Usage of /:   25.5% of 6.71GB    Users logged in:     0
Memory usage: 21%               IPv4 address for enX0: 172.31.7.1
Swap usage:   0%

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update
```

Step 3: Install and start Jenkins

```

~
ubuntu@ip-172-31-7-1:~$ cat /var/lib/jenkins/secrets/initialAdminPassword
cat: /var/lib/jenkins/secrets/initialAdminPassword: Permission denied
ubuntu@ip-172-31-7-1:~$ sudo -i
root@ip-172-31-7-1:~# cat /var/lib/jenkins/secrets/initialAdminPassword
c13e77fdccda421e97c64eb88aa2a5db
root@ip-172-31-7-1:~#
Broadcast message from root@ip-172-31-7-1 (Tue 2025-07-08 08:51:38 UTC):

The system will power off now!

Broadcast message from root@ip-172-31-7-1 (Tue 2025-07-08 08:51:38 UTC):

The system will power off now!

Connection to 13.233.194.43 closed by remote host.
Connection to 13.233.194.43 closed.

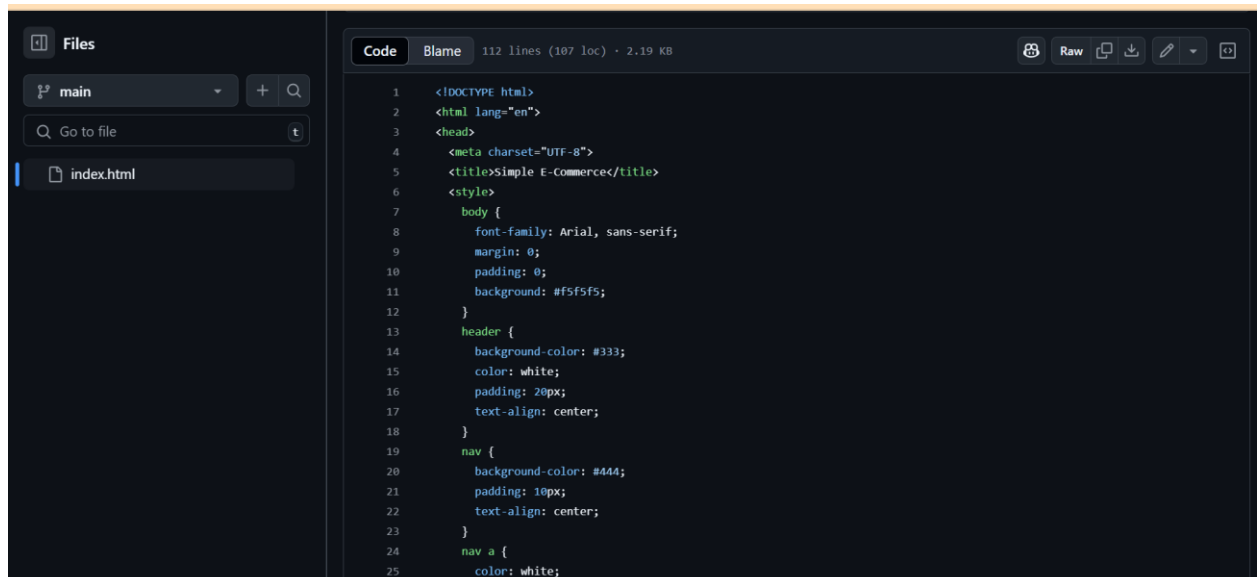
C:\Users\sweth\Downloads>ssh -i kumar.pem ubuntu@3.111.37.219
The authenticity of host '3.111.37.219 (3.111.37.219)' can't be established.
ED25519 key fingerprint is SHA256:0xw4iWGSTH5qR1Uh6lVzGGVspDm7S/CA4dKRkllYFUs.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '3.111.37.219' (ED25519) to the list of known hosts.
Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 6.8.0-1029-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Tue Jul  8 08:53:57 UTC 2025

```

STEP 4: PUSH CODE TO GIT



```

Code Blame 112 lines (107 loc) · 2.19 KB
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>Simple E-Commerce</title>
6   <style>
7     body {
8       font-family: Arial, sans-serif;
9       margin: 0;
10      padding: 0;
11      background: #f5f5f5;
12    }
13    header {
14      background-color: #333;
15      color: white;
16      padding: 20px;
17      text-align: center;
18    }
19    nav {
20      background-color: #444;
21      padding: 10px;
22      text-align: center;
23    }
24    nav a {
25      color: white;

```

Step 5: Now Apply and save see dashboard IN JENKINS

Dashboard > live-cricket-score > #1 > Console Output

- Status
- </> Changes
- Console Output
- Edit Build Information
- Delete build '#1'
- Timings
- Git Build Data

✓ Console Output

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```
Started by user admin
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/live-cricket-score
The recommended git tool is: NONE
No credentials specified
Cloning the remote Git repository
Cloning Repository https://github.com/nsatwik/sece-scoreboard.git
> git init /var/lib/jenkins/workspace/live-cricket-score # timeout=10
Fetching upstream changes from https://github.com/nsatwik/sece-scoreboard.git
> git --version # timeout=10
> git --version # 'git version 2.34.1'
> git fetch --tags --force --progress -- https://github.com/nsatwik/sece-scoreboard.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git config remote.origin.url https://github.com/nsatwik/sece-scoreboard.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/master^{commit} # timeout=10
Checking out Revision 342ff9bf44e029a6298b3470aa0baa35718f62a5 (refs/remotes/origin/master)
> git config core.sparsecheckout # timeout=10
> git checkout -f 342ff9bf44e029a6298b3470aa0baa35718f62a5 # timeout=10
Commit message: "html-app"
First time build. Skipping changelog.
Finished: SUCCESS
```

[REST API](#) Jenkins 2.504.3