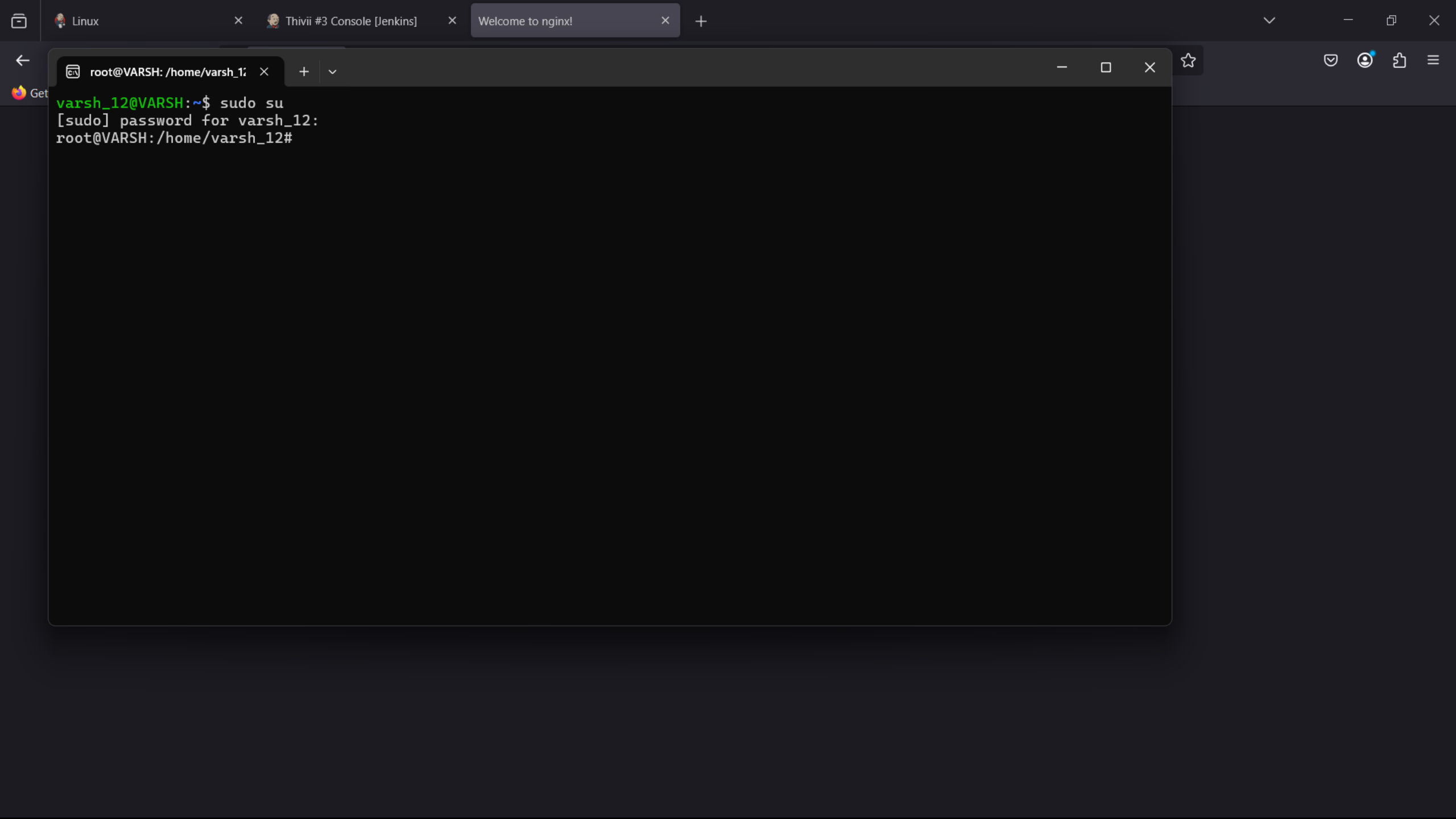


THIVISHA S
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TASK 2

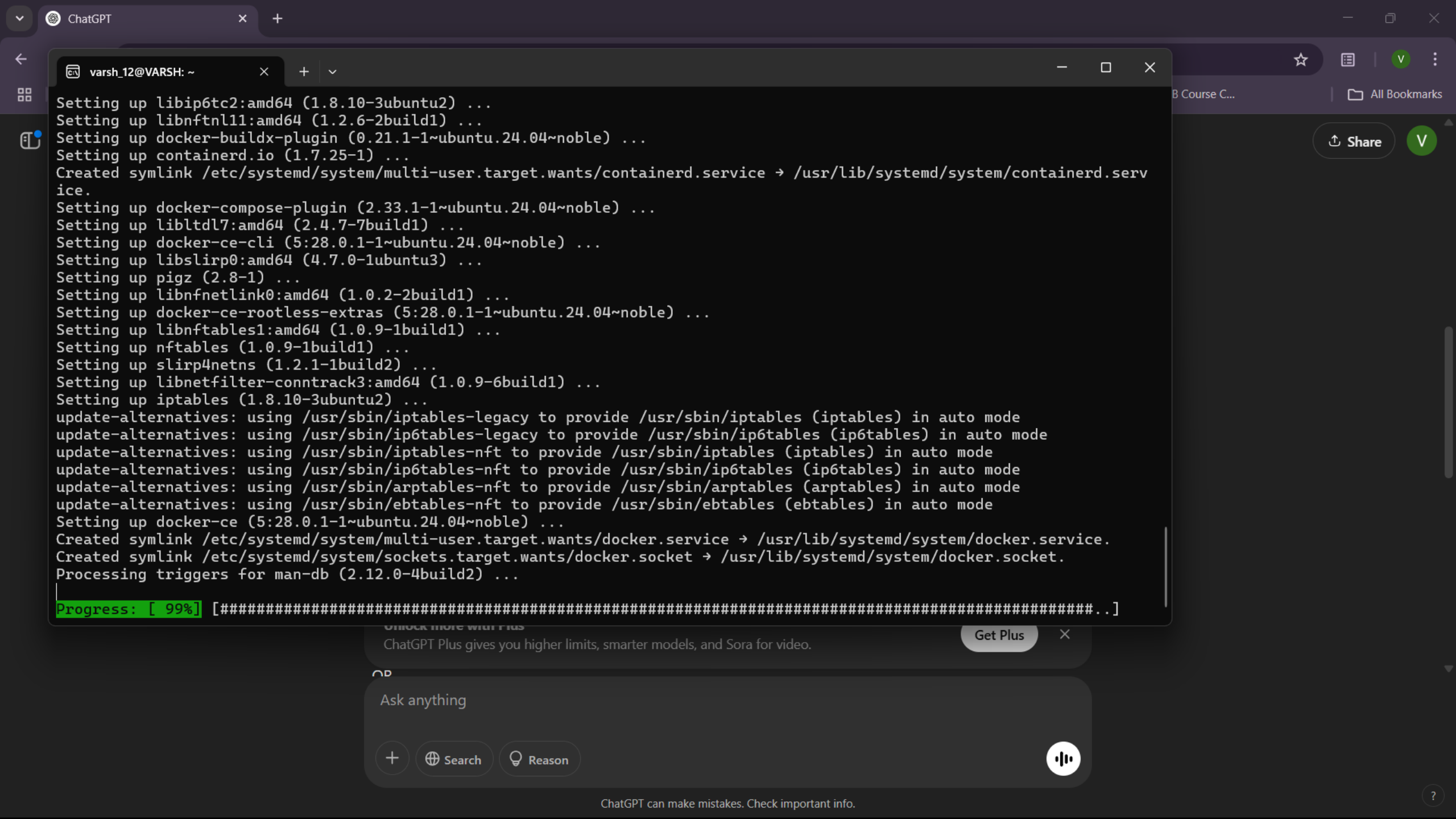
```
varsh_12@VARSH: ~  
34 java -version  
35 openjdk version "17.0.13" 2024-10-15  
36 OpenJDK Runtime Environment (build 17.0.13+11-Debian-2)  
37 OpenJDK 64-Bit Server VM (build 17.0.13+11-Debian-2, mixed mode, sharing)  
38 sudo wget -O /usr/share/keyrings/jenkins-keyring.asc https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key  
39 echo "deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] https://pkg.jenkins.io/debian-stable binary/" | sudo tee /etc/apt/sources.list.d/jenkins.list > /dev/null  
40 sudo apt-get update  
41 sudo apt-get install jenkins  
42 systemctl start jenkins  
43 systemctl status jenkins  
44 /var/lib/jenkins/secrets/initialAdminPassword  
45 sudo cat /var/lib/jenkins/secrets/initialAdminPassword  
46 history  
varsh_12@VARSH:~$ ip addr  
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000  
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00  
    inet 127.0.0.1/8 scope host lo  
        valid_lft forever preferred_lft forever  
    inet 10.255.255.254/32 brd 10.255.255.254 scope global lo  
        valid_lft forever preferred_lft forever  
    inet6 ::1/128 scope host  
        valid_lft forever preferred_lft forever  
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000  
    link/ether 00:15:5d:1a:4b:c5 brd ff:ff:ff:ff:ff:ff  
    inet 172.29.147.19/20 brd 172.29.159.255 scope global eth0  
        valid_lft forever preferred_lft forever  
    inet6 fe80::215:5dff:fe1a:4bc5/64 scope link  
        valid_lft forever preferred_lft forever  
varsh_12@VARSH:~$ |
```



root@VARSH: /home/varsh_12

```
varsh_12@VARSH:~$ sudo su
[sudo] password for varsh_12:
root@VARSH:/home/varsh_12#
```

```
varsh_12@VARSH:~$ sudo su
[sudo] password for varsh_12:
root@VARSH:/home/varsh_12# mkdir bmw
root@VARSH:/home/varsh_12# cd bmw
root@VARSH:/home/varsh_12/bmw# mkdir audi
root@VARSH:/home/varsh_12/bmw# cd audi
root@VARSH:/home/varsh_12/bmw/audi# mkdir benz
root@VARSH:/home/varsh_12/bmw/audi# cd benz
root@VARSH:/home/varsh_12/bmw/audi/benz# ls -l
total 0
root@VARSH:/home/varsh_12/bmw/audi/benz# touch cars
root@VARSH:/home/varsh_12/bmw/audi/benz# cat cars
root@VARSH:/home/varsh_12/bmw/audi/benz# echo hai cars
hai cars
root@VARSH:/home/varsh_12/bmw/audi/benz#
```



```
Setting up libip6tc2:amd64 (1.8.10-3ubuntu2) ...
Setting up libnftnl11:amd64 (1.2.6-2build1) ...
Setting up docker-buildx-plugin (0.21.1-1~ubuntu.24.04~noble) ...
Setting up containerd.io (1.7.25-1) ...
Created symlink /etc/systemd/system/multi-user.target.wants/containerd.service → /usr/lib/systemd/system/containerd.service.
Setting up docker-compose-plugin (2.33.1-1~ubuntu.24.04~noble) ...
Setting up libltdl7:amd64 (2.4.7-7build1) ...
Setting up docker-ce-cli (5:28.0.1-1~ubuntu.24.04~noble) ...
Setting up libslirp0:amd64 (4.7.0-1ubuntu3) ...
Setting up pigz (2.8-1) ...
Setting up libnftnl0:amd64 (1.0.2-2build1) ...
Setting up docker-ce-rootless-extras (5:28.0.1-1~ubuntu.24.04~noble) ...
Setting up libnftables1:amd64 (1.0.9-1build1) ...
Setting up nftables (1.0.9-1build1) ...
Setting up slirp4netns (1.2.1-1build2) ...
Setting up libnetfilter_conntrack3:amd64 (1.0.9-6build1) ...
Setting up iptables (1.8.10-3ubuntu2) ...
update-alternatives: using /usr/sbin/iptables-legacy to provide /usr/sbin/iptables (iptables) in auto mode
update-alternatives: using /usr/sbin/ip6tables-legacy to provide /usr/sbin/ip6tables (ip6tables) in auto mode
update-alternatives: using /usr/sbin/iptables-nft to provide /usr/sbin/iptables (iptables) in auto mode
update-alternatives: using /usr/sbin/ip6tables-nft to provide /usr/sbin/ip6tables (ip6tables) in auto mode
update-alternatives: using /usr/sbin/arptables-nft to provide /usr/sbin/arptables (arptables) in auto mode
update-alternatives: using /usr/sbin/ebtables-nft to provide /usr/sbin/ebtables (ebtables) in auto mode
Setting up docker-ce (5:28.0.1-1~ubuntu.24.04~noble) ...
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /usr/lib/systemd/system/docker.service.
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /usr/lib/systemd/system/docker.socket.
Processing triggers for man-db (2.12.0-4build2) ...
```

Progress: [99%] [#####..]

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```
● docker.service - Docker Application Container Engine
   Loaded: loaded (/usr/lib/systemd/system/docker.service; enabled; preset: enabled)
   Active: active (running) since Wed 2025-03-19 08:58:54 UTC; 44s ago
     TriggeredBy: ● docker.socket
       Docs: https://docs.docker.com
    Main PID: 11820 (dockerd)
      Tasks: 10
     Memory: 35.7M ()
    CGroup: /system.slice/docker.service
            └─11820 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock
```

```

dar 19 08:58:54 VARSH dockerd[11820]: time="2025-03-19T08:58:54.076446794Z" level=warning msg="WARNING: No blkio throttle.read_bps_device support"
dar 19 08:58:54 VARSH dockerd[11820]: time="2025-03-19T08:58:54.076509367Z" level=warning msg="WARNING: No blkio throttle.write_bps_device support"
dar 19 08:58:54 VARSH dockerd[11820]: time="2025-03-19T08:58:54.076521553Z" level=warning msg="WARNING: No blkio throttle.read_iops_device support"
dar 19 08:58:54 VARSH dockerd[11820]: time="2025-03-19T08:58:54.076528177Z" level=warning msg="WARNING: No blkio throttle.write_iops_device support"
dar 19 08:58:54 VARSH dockerd[11820]: time="2025-03-19T08:58:54.076563361Z" level=info msg="Docker daemon" commit=bdb0a17 containerd-snapshotter=false stor>
dar 19 08:58:54 VARSH dockerd[11820]: time="2025-03-19T08:58:54.076962167Z" level=info msg="Initializing buildkit"
dar 19 08:58:54 VARSH dockerd[11820]: time="2025-03-19T08:58:54.269937526Z" level=info msg="Completed buildkit initialization"
dar 19 08:58:54 VARSH dockerd[11820]: time="2025-03-19T08:58:54.288116985Z" level=info msg="Daemon has completed initialization"
dar 19 08:58:54 VARSH dockerd[11820]: time="2025-03-19T08:58:54.288520911Z" level=info msg="API listen on /run/docker.sock"
dar 19 08:58:54 VARSH systemd[1]: Started docker.service - Docker Application Container Engine.

```

.....

varsh #2 [Jenkins]

Varshine04/capstone

varsh1204/docker | Docker

Personal access tokens | D

HTML Tutorial

Inbox (2,624) - varshinet.2

localhost:8080/job/varsh/2/

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VARSHINE

log out

Dashboard > varsh > #2

Status

Changes

Console Output

Edit Build Information

Delete build '#2'

Timings

Git Build Data

Pipeline Overview

Pipeline Console

Restart from Stage

Replay

Pipeline Steps

Workspaces

Previous Build

✓ #2 (Mar 21, 2025, 5:26:28 AM)

Started by user VARSHINE

This run spent:

- 0.26 sec waiting;
- 4 min 18 sec build duration;
- 4 min 18 sec total from scheduled to completion.

git

Revision: 69ce3df7c56591ffc69bab34a7922956fcedfc00

Repository: https://github.com/Varshine04/capstone.git

- refs/remotes/origin/main

</>

No changes.

Add description

Keep this build forever

Started 6 min 3 sec ago

Took 4 min 18 sec

localhost:8080/job/varsh/2/console

[Dashboard](#) > [varsh](#) > #2

- Status
- Changes
- Console Output**
- Edit Build Information
- Delete build '#2'
- Timings
- Git Build Data
- Pipeline Overview
- Pipeline Console
- Restart from Stage
- Replay
- Pipeline Steps
- Workspaces
- Previous Build

✓ Console Output

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```
Started by user VARSHINE
Obtained Jenkinsfile from git https://github.com/Varshine04/capstone.git
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/varsh
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Checkout SCM)
[Pipeline] checkout
Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
No credentials specified
  > git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/varsh/.git # timeout=10
Fetching changes from the remote Git repository
  > git config remote.origin.url https://github.com/Varshine04/capstone.git # timeout=10
Fetching upstream changes from https://github.com/Varshine04/capstone.git
  > git --version # timeout=10
  > git --version # 'git version 2.43.0'
  > git fetch --tags --force --progress -- https://github.com/Varshine04/capstone.git +refs/heads/*:refs/remotes/origin/* # timeout=10
  > git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision 69ce3df7c56591fffc69bab34a7922956fcedfc00 (refs/remotes/origin/main)
  > git config core.sparsecheckout # timeout=10
  > git checkout -f 69ce3df7c56591fffc69bab34a7922956fcedfc00 # timeout=10
```


Dashboard > varsh > #2

```
aa82c57cd9fe: Preparing
d98dcc720ae0: Preparing
ad2f08e39a9d: Preparing
135f786ad046: Preparing
1287fbecdfcc: Preparing
ad2f08e39a9d: Waiting
135f786ad046: Waiting
1287fbecdfcc: Waiting
d98dcc720ae0: Mounted from library/nginx
d26dc06ef910: Mounted from library/nginx
03d9365bc5dc: Mounted from library/nginx
aa82c57cd9fe: Mounted from library/nginx
bb3ca0c5857f: Pushed
ad2f08e39a9d: Mounted from library/nginx
1287fbecdfcc: Mounted from library/nginx
135f786ad046: Mounted from library/nginx
latest: digest: sha256:5b856073a7ec9870b97b43c0387032985814f1e2a941a1cc0bef33f53498614c size: 1988
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

varsh #2 Console [Jer x

Varshine04/capstone x

varsh1204/docker | D x

Personal access token x

HTML Tutorial x

Fwd: - varshinet.22cs x

React App x

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localhost:70

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KPIT sparkle

🌱 IndiaBix

📄 New Leaf Ins Pvt Ltd

👨‍💻 CodeChef

🏆 Leetcode

🎮 HackerRank

🌐 GeeksforGeeks

🚀 BYTS-SuperPaac202...

📄 BYTS

🌐 bytsone

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