

- 1) Run the command `whoami` to know your username:
- 2) Then use the below command to change the username :  
`sudo usermod -l new_username old_username`

```
haripriya@haripriya-ASUS:~$ whoami
haripriya
haripriya@haripriya-ASUS:~$ sudo usermod -l 1rv24mc040 haripriya
[sudo] password for haripriya:
usermod: user haripriya is currently used by process 2210
```

- 3) If the user is currently in use and you cant change the username then create another user and give sudo permissions and then change the username :

`sudo adduser username`  
give the password and other details to create the new user

```
haripriya@haripriya-ASUS:~$ sudo adduser temp
info: Adding user `temp' ...
info: Selecting UID/GID from range 1000 to 59999 ...
info: Adding new group `temp' (1001) ...
info: Adding new user `temp' (1001) with group `temp (1001)' ...
info: Creating home directory `/home/temp' ...
info: Copying files from `/etc/skel' ...
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
Sorry, passwords do not match.
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for temp
Enter the new value, or press ENTER for the default
  Full Name []: Temp
  Room Number []: 10
  Work Phone []: 1234567890
  Home Phone []: 1234567890
  Other []: 343424
Is the information correct? [Y/n] y
info: Adding new user `temp' to supplemental / extra groups `users' ...
info: Adding user `temp' to group `users' ...
haripriya@haripriya-ASUS:~$
```

- 4) Add the new created user to the sudo group and then check using the below commands :

`sudo usermod -aG sudo temp`  
`su - temp`  
`sudo whoami` (should show root)

```

haripriya@haripriya-ASUS:~$ sudo usermod -aG sudo temp
haripriya@haripriya-ASUS:~$ whoami
haripriya
haripriya@haripriya-ASUS:~$ su - temp
Password:
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

temp@haripriya-ASUS:~$ sudo whoami
[sudo] password for temp:
root
temp@haripriya-ASUS:~$ sudo usermod -l 1rv24mc040-haripriya haripriya
usermod: user haripriya is currently used by process 2210
temp@haripriya-ASUS:~$ su - haripriya
Password:
haripriya@haripriya-ASUS:~$ sudo usermod -aG sudo temp
haripriya@haripriya-ASUS:~$ whoami
haripriya
haripriya@haripriya-ASUS:~$ su - temp
Password:
temp@haripriya-ASUS:~$ sudo usermod -l 1rv24mc040-haripriya haripriya
usermod: user haripriya is currently used by process 2210
temp@haripriya-ASUS:~$ █

```

5) switch to the temp user and then change the username :  
 sudo usermod -l new\_username old\_username

```

temp@haripriya-ASUS:~$ sudo usermod -l 1rv24mc040-haripriya haripriya
[sudo] password for temp:
temp is not in the sudoers file.
This incident has been reported to the administrator.
temp@haripriya-ASUS:~$ █

```

6) Login back to the old user and check for the changes :

```
1rv24mc040-haripriya@haripriya-ASUS:~$ whoami
1rv24mc040-haripriya
1rv24mc040-haripriya@haripriya-ASUS:~$
```

## 7) Installing docker:

```
1rv24mc040-haripriya@haripriya-ASUS:~$ sudo apt-get update
Hit:1 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://security.ubuntu.com/ubuntu noble-security InRelease
Get:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Hit:4 https://download.docker.com/linux/ubuntu noble InRelease
Hit:5 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Get:6 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 c-n-f Metadata [15.3 kB]
Get:7 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 c-n-f Metadata [31.2 kB]
Hit:8 https://ppa.launchpadcontent.net/gns3/ppa/ubuntu noble InRelease
Fetched 173 kB in 4s (42.7 kB/s)
Reading package lists... Done
1rv24mc040-haripriya@haripriya-ASUS:~$ sudo apt-get install ca-certificates curl
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
ca-certificates is already the newest version (20240203).
curl is already the newest version (8.5.0-2ubuntu10.6).
The following packages were automatically installed and are no longer required:
cpu-checker ipxe-qemu ipxe-qemu-256k-compat-efi-roms libcacard0 libdaxctl1
libfdt1 libiscsi7 libndctl6 libpmem1 libpmemobj1 librados2 librbdl
librdnacd1t64 libsd12-2.0-0 libspice-server1 libsubid4 liburing2
libusbredirparser1t64 libvirglrenderer1 msr-tools ovmf pass qemu-block-extra
qemu-system-common qemu-system-data qemu-system-gui
qemu-system-modules-opengl qemu-system-modules-spice qemu-system-x86
qemu-utils qrencode seabios tree uidmap wl-clipboard xclip
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 467 not upgraded.
1rv24mc040-haripriya@haripriya-ASUS:~$ sudo install -m 0755 -d /etc/apt/keyrings
1rv24mc040-haripriya@haripriya-ASUS:~$ sudo curl -fsSL https://download.docker.com/linux/ubuntu/gpg -o /etc/apt/keyrings/docker.asc
1rv24mc040-haripriya@haripriya-ASUS:~$ sudo chmod a+r /etc/apt/keyrings/docker.asc
1rv24mc040-haripriya@haripriya-ASUS:~$ echo \
"deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc] https://download.docker.com/linux/ubuntu \
$(. /etc/os-release && echo "$UBUNTU_CODENAME:-$VERSION_CODENAME") stable" | \
> sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
1rv24mc040-haripriya@haripriya-ASUS:~$ sudo apt-get update
Hit:1 https://download.docker.com/linux/ubuntu noble InRelease
Hit:2 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:3 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:4 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:5 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:6 https://ppa.launchpadcontent.net/gns3/ppa/ubuntu noble InRelease
Reading package lists... Done
1rv24mc040-haripriya@haripriya-ASUS:~$ sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin
Reading package lists... Done
Building dependency tree... Done
```

```
1rv24mc040-haripriya@haripriya-ASUS:~$ sudo systemctl status docker
● docker.service - Docker Application Container Engine
   Loaded: loaded (/usr/lib/systemd/system/docker.service; enabled; preset:
   Active: active (running) since Fri 2025-10-17 15:30:47 IST; 11s ago
   TriggeredBy: ● docker.socket
   Docs: https://docs.docker.com
   Main PID: 24513 (dockerd)
   Tasks: 17
   Memory: 23.3M (peak: 26.5M)
   CPU: 192ms
   CGroup: /system.slice/docker.service
           └─24513 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/co
lines 1-22/22 (END)
1rv24mc040-haripriya@haripriya-ASUS:~$ sudo docker run hello-world

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
 1. The Docker client contacted the Docker daemon.
 2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
    (and64)
 3. The Docker daemon created a new container from that image which runs the
    executable that produces the output you are currently reading.
 4. The Docker daemon streamed that output to the Docker client, which sent it
    to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
$ docker run -it ubuntu bash
```

## 8) Uninstalling docker if it already exists:

```
1rv24mc040-haripriya@haripriya-ASUS:~$ sudo apt remove docker-desktop
[sudo] password for 1rv24mc040-haripriya:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  cpu-checker ipxe-qemu ipxe-qemu-256k-compat-efi-roms libcacard0 libdaxctl1
  libfdt1 libiscsi7 libndctl6 libpmem1 libpmemobj1 librados2 librbd1
  librdmacm1t64 libsdl2-2.0-0 libspice-server1 libsubid4 liburing2
  libusbredirparser1t64 libvirglrenderer1 msr-tools ovmf pass qemu-block-extra
  qemu-system-common qemu-system-data qemu-system-gui
  qemu-system-modules-opengl qemu-system-modules-spice qemu-system-x86
  qemu-utils qrencode seabios tree uidmap wl-clipboard xclip
Use 'sudo apt autoremove' to remove them.
The following packages will be REMOVED:
  docker-desktop
0 upgraded, 0 newly installed, 1 to remove and 467 not upgraded.
After this operation, 0 B of additional disk space will be used.
Do you want to continue? [Y/n] y
(Reading database ... 226123 files and directories currently installed.)
Removing docker-desktop (4.48.0-207573) ...
Reloading systemd daemon for logged in users
Done reloading systemd daemon for logged in users
Processing triggers for gnome-menus (3.36.0-1.1ubuntu3) ...
Processing triggers for mailcap (3.70+nmu1ubuntu1) ...
Processing triggers for desktop-file-utils (0.27-2build1) ...
1rv24mc040-haripriya@haripriya-ASUS:~$ rm -r $HOME/.docker/desktop
1rv24mc040-haripriya@haripriya-ASUS:~$ sudo rm /usr/local/bin/com.docker.cli
rm: cannot remove '/usr/local/bin/com.docker.cli': No such file or directory
1rv24mc040-haripriya@haripriya-ASUS:~$ sudo apt purge docker-desktop
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  cpu-checker ipxe-qemu ipxe-qemu-256k-compat-efi-roms libcacard0 libdaxctl1
  libfdt1 libiscsi7 libndctl6 libpmem1 libpmemobj1 librados2 librbd1
```

```
1rv24mc040-haripriya@haripriya-ASUS:~$ for pkg in docker.io docker-doc docker-compose docker-compose-v2 podman-docker containerd runc; do sudo apt-get remove $pkg; done
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Package 'docker.io' is not installed, so not removed
The following packages were automatically installed and are no longer required:
  cpu-checker ipxe-qemu ipxe-qemu-256k-compat-efi-roms libcacard0 libdaxctl1
  libfdt1 libiscsi7 libndctl6 libpmem1 libpmemobj1 librados2 librbd1
  librdmacm1t64 libsdl2-2.0-0 libspice-server1 libsubid4 liburing2
  libusbredirparser1t64 libvirglrenderer1 msr-tools ovmf pass qemu-block-extra
  qemu-system-common qemu-system-data qemu-system-gui
  qemu-system-modules-opengl qemu-system-modules-spice qemu-system-x86
  qemu-utils qrencode seabios tree uidmap wl-clipboard xclip
Use 'sudo apt autoremove' to remove them.
```