To change the user name in Linux:

1.check your user name
>whoami

2. Create a temporary user

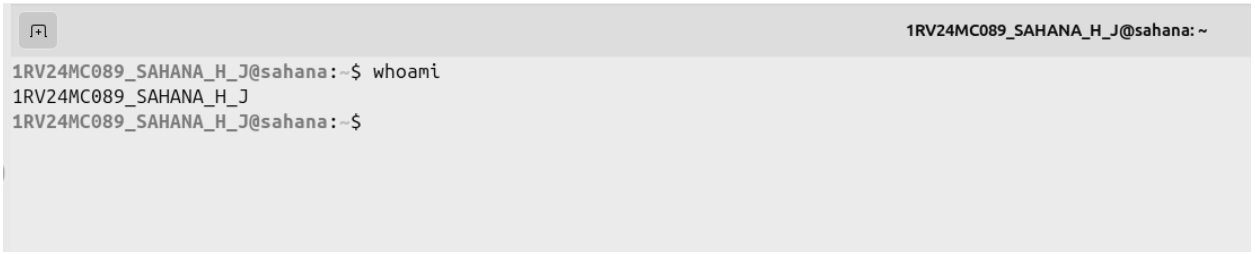
>sudo adduser tempadmin

3. Add the new user to sudoers
> sudo usermod -aG sudo tempadmin

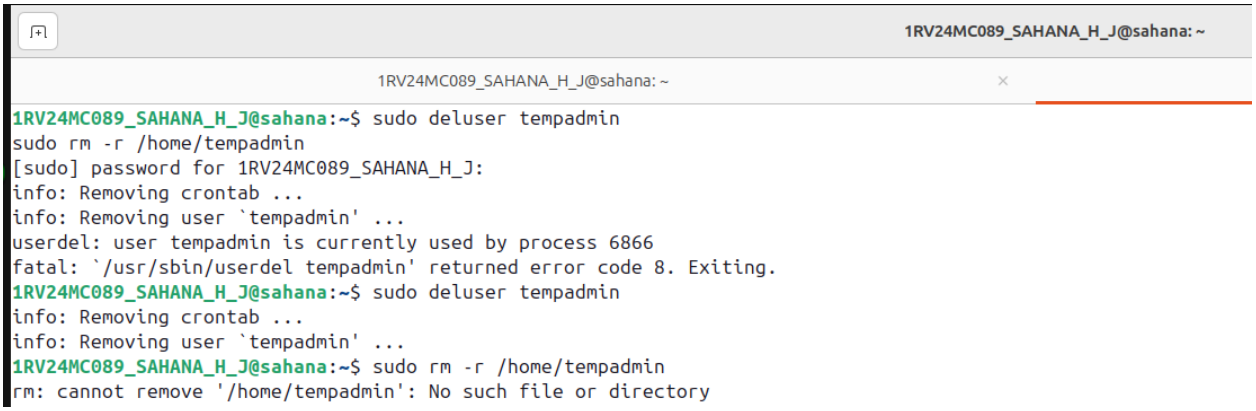
4. Logout from the current user via GUI and login to tempadmin

5. In the terminal of tempadmin,
>sudo usermod -l 1RV24MC089_SAHANA_H_J sahana

6. Now type the below command in original user after logging again via GUI:
>whoami



7. Remove the temp user,delete it
>sudo deluser tempadmin
>sudo rm -r /home/tempadmin

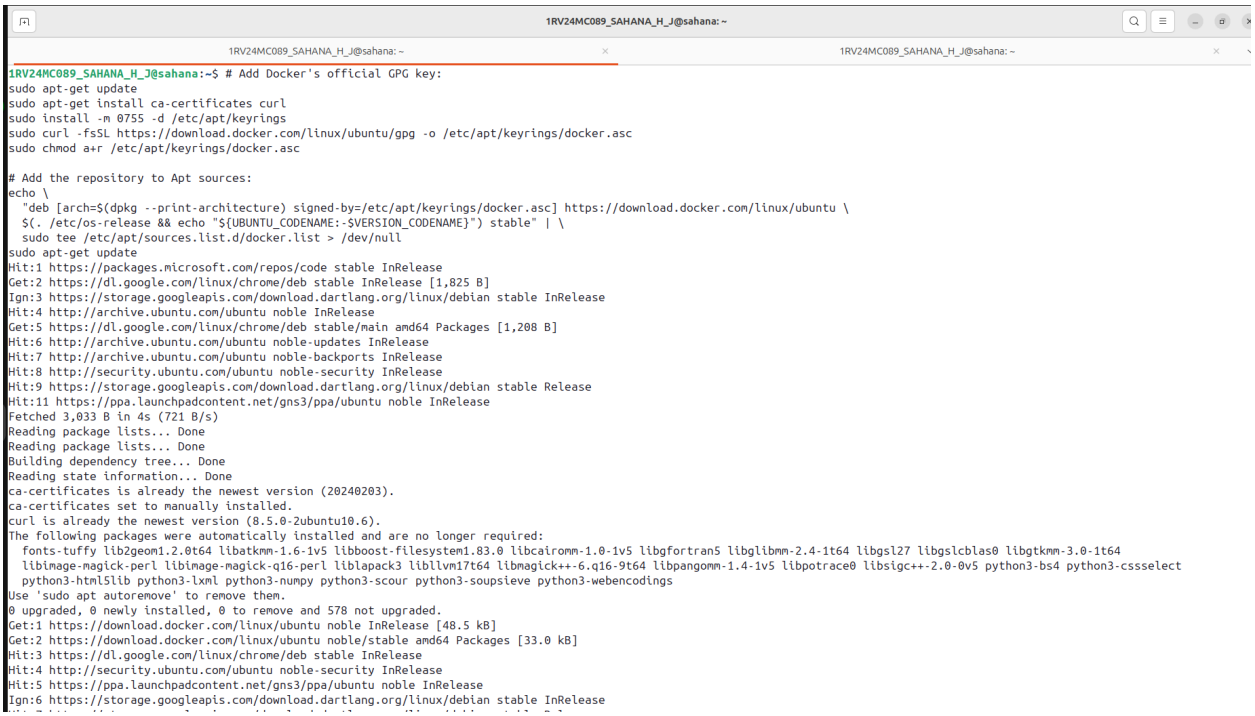


TO INSTALL DOCKER USING APT REPO

1. Set up Docker's `apt` repository.

```
# Add Docker's official GPG key:
sudo apt-get update
sudo apt-get install ca-certificates curl
sudo install -m 0755 -d /etc/apt/keyrings
sudo curl -fsSL https://download.docker.com/linux/ubuntu/gpg -o /etc/apt/keyrings/docker.asc
sudo chmod a+r /etc/apt/keyrings/docker.asc

# Add the repository to Apt sources:
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
sudo apt-get update
```



2.Install the Docker packages.

> sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin

```
1RV24MC089_SAHANA_H_J@sahana:~$ 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
Reading state information... Done
The following packages were automatically installed and are no longer required:
  fonts-tuffy libz2geom1.2.0t64 libatkmm-1.6-1v5 libboost-filesystem1.83.0 libcairomm-1.0-1v5 libgfortran5 libglibmm-2.4-1t64 libgsl27 libgslcblas0 libgtkmm-3.0-1t64
  libimage-magick-perl libimage-magick-q16-perl liblapack3 libllvm17t64 libmagick++-6.q16-9t64 libpangomm-1.4-1v5 libpotrace0 libsigc++-2.0-0v5 python3-bs4 python3-cssselect
  python3-html5lib python3-lxml python3-numpy python3-scour python3-soupsieve python3-webencodings
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  docker-ce-rootless-extras pigz slirp4netns
Suggested packages:
  cgroupfs-mount | cgroup-lite docker-model-plugin
The following NEW packages will be installed:
  containerd.io docker-buildx-plugin docker-ce docker-ce-cli docker-ce-rootless-extras docker-compose-plugin pigz slirp4netns
0 upgraded, 8 newly installed, 0 to remove and 578 not upgraded.
Need to get 105 MB of archives.
After this operation, 436 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 https://download.docker.com/linux/ubuntu noble/stable amd64 containerd.io amd64 1.7.28-1~ubuntu.24.04~noble [31.9 MB]
Get:2 http://archive.ubuntu.com/ubuntu noble/universe amd64 pigz amd64 2.8-1 [65.6 kB]
Get:3 http://archive.ubuntu.com/ubuntu noble/universe amd64 slirp4netns amd64 1.2.1-1build2 [34.9 kB]
Get:4 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-ce-cli amd64 5:28.5.1-1~ubuntu.24.04~noble [16.5 MB]
Get:5 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-ce amd64 5:28.5.1-1~ubuntu.24.04~noble [19.7 MB]
Get:6 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-buildx-plugin amd64 0.29.1-1~ubuntu.24.04~noble [15.9 MB]
Get:7 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-ce-rootless-extras amd64 5:28.5.1-1~ubuntu.24.04~noble [6,481 kB]
Get:8 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-compose-plugin amd64 2.40.0-1~ubuntu.24.04~noble [14.2 MB]
Fetched 105 MB in 40s (2,616 kB/s)
Selecting previously unselected package containerd.io.
(Reading database ... 238928 files and directories currently installed.)
Preparing to unpack .../0-containerd.io_1.7.28-1~ubuntu.24.04~noble_amd64.deb ...
Unpacking containerd.io (1.7.28-1~ubuntu.24.04~noble) ...
Selecting previously unselected package docker-ce-cli.
Preparing to unpack .../1-docker-ce-cli_5%3a28.5.1-1~ubuntu.24.04~noble_amd64.deb ...
```

3. Check docker status

> sudo systemctl status docker

```
1RV24MC089_SAHANA_H_J@sahana:~$ sudo systemctl status docker
● docker.service - Docker Application Container Engine
     Loaded: loaded (/usr/lib/systemd/system/docker.service; enabled; preset: enabled)
     Active: active (running) since Wed 2025-10-15 20:41:29 IST; 21s ago
TriggeredBy: ● docker.socket
       Docs: https://docs.docker.com
   Main PID: 15127 (dockerd)
      Tasks: 17
     Memory: 22.5M (peak: 24.3M)
        CPU: 475ms
     CGroup: /system.slice/docker.service
             └─15127 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock

Oct 15 20:41:28 sahana dockerd[15127]: time="2025-10-15T20:41:28.536726976+05:30" level=info msg="detected 127.0.0.53 nameserver, assuming systemd-resolved, so using resolv.conf: /run
Oct 15 20:41:28 sahana dockerd[15127]: time="2025-10-15T20:41:28.586230284+05:30" level=info msg="Creating a containerd client" address=/run/containerd/containerd.sock timeout=1m0s
Oct 15 20:41:28 sahana dockerd[15127]: time="2025-10-15T20:41:28.617449334+05:30" level=info msg="Loading containers: start."
Oct 15 20:41:28 sahana dockerd[15127]: time="2025-10-15T20:41:28.987970906+05:30" level=info msg="Loading containers: done."
Oct 15 20:41:29 sahana dockerd[15127]: time="2025-10-15T20:41:29.019273754+05:30" level=info msg="Docker daemon" commit=f8215cc containerd-snapshotter=false storage-driver=overlay2 ve
Oct 15 20:41:29 sahana dockerd[15127]: time="2025-10-15T20:41:29.019437296+05:30" level=info msg="Initializing buildkit"
Oct 15 20:41:29 sahana dockerd[15127]: time="2025-10-15T20:41:29.076919245+05:30" level=info msg="Completed buildkit initialization"
Oct 15 20:41:29 sahana dockerd[15127]: time="2025-10-15T20:41:29.083334509+05:30" level=info msg="Daemon has completed initialization"
Oct 15 20:41:29 sahana dockerd[15127]: time="2025-10-15T20:41:29.083510089+05:30" level=info msg="API listen on /run/docker.sock"
Oct 15 20:41:29 sahana systemd[1]: Started docker.service - Docker Application Container Engine.
lines 1-22/22 (END)
```

4. Run a sample container

```
1RV24MC089_SAHANA_H_J@sahana:~$ sudo docker run hello-world
[sudo] password for 1RV24MC089_SAHANA_H_J:
Unable to find image 'hello-world:latest' locally
latest: Pulling from library/hello-world
17eec7bbc9d7: Pull complete
Digest: sha256:6dc565aa630927052111f823c303948cf83670a3903ffa3849f1488ab517f891
Status: Downloaded newer image for hello-world:latest

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.
    (amd64)
 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

Share images, automate workflows, and more with a free Docker ID:
 https://hub.docker.com/

For more examples and ideas, visit:
 https://docs.docker.com/get-started/
```