

To change username in ubuntu

1.Check your username using

```
$whoami
```

2.Created a new user tempadmin , given root access to that user , logged in as user temp and changed user name from darshan to 1rv24mc031_darshan

```
>sudo adduser tempadmin
```

```
>sudo usermod -aG sudo tempadmin
```

Logout from current user via GUI and login to tempadmin

In the terminal of tempadmin

```
>sudo usermod -l 1rv24mc031_darshan
```

```
1rv24mc031_darshan@darshu-Inspiron-15-3520: /home/tempadmin$ whoami
1rv24mc031_darshan
```

3 .Again check the username using whoami

How to Install Docker on Ubuntu

Step 1: Update your existing list of packages

```
sudo apt update
```

Step 2: Install prerequisite packages

These packages allow apt to use repositories over HTTPS.

```
sudo apt install apt-transport-https ca-certificates curl software-properties-common
```

```
tempadmin@darshu-Inspiron-15-3520:~$ su 1rv24mc031_darshan
Password:
1rv24mc031_darshan@darshu-Inspiron-15-3520: /home/tempadmin$ sudo apt update
[sudo] password for 1rv24mc031_darshan:
Hit:1 http://repo.mysql.com/apt/ubuntu jammy InRelease
Hit:2 http://in.archive.ubuntu.com/ubuntu noble InRelease
Get:3 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Hit:4 https://deb.nodesource.com/node_20.x nodistro InRelease
Get:5 http://in.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Hit:6 https://dl.google.com/linux/chrome/deb stable InRelease
Hit:7 https://ppa.launchpadcontent.net/gns3/ppa/ubuntu noble InRelease
Hit:8 https://download.docker.com/linux/ubuntu noble InRelease
Get:9 http://in.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:10 http://in.archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [175 kB]
Get:11 http://in.archive.ubuntu.com/ubuntu noble-updates/main amd64 c-n-f Metadata [15.3 kB]
Get:12 http://in.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [2,090 kB]
Get:13 http://in.archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [470 kB]
Get:14 http://in.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:15 http://in.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [378 kB]
Get:16 http://in.archive.ubuntu.com/ubuntu noble-updates/universe amd64 c-n-f Metadata [31.2 kB]
Get:17 http://in.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:18 http://in.archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [7,144 B]
Get:19 http://in.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]
Get:20 http://in.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [11.0 kB]
Get:21 http://in.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Fetched 3,557 kB in 9s (409 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
217 packages can be upgraded. Run 'apt list --upgradable' to see them.
1rv24mc031_darshan@darshu-Inspiron-15-3520: /home/tempadmin$ sudo apt install apt-transport-https ca-certificates curl software-properties-common
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
apt-transport-https is already the newest version (2.8.3).
ca-certificates is already the newest version (20240203).
curl is already the newest version (8.5.0-2ubuntu16.6).
```

Step 3: Add Docker's official GPG key

```
curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /usr/share/keyrings/docker-archive-keyring.gpg
```

Step 4: Add Docker's official repository

```
echo "deb [arch=$(dpkg --print-architecture) signed-by=/usr/share/keyrings/docker-archive-keyring.gpg] https://download.docker.com/linux/ubuntu $(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
```

Step 5: Update package list again

```
sudo apt update
```

Step 6: Install Docker Engine

```
sudo apt install docker-ce docker-ce-cli containerd.io
```

```
Processing triggers for man-db (2.12.0-4build2) ...
1rv24mc031_darshan@darshu-Inspiron-15-3520:/home/tenpadmin$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /usr/share/keyrings/docker-archive-keyring.gpg
File '/usr/share/keyrings/docker-archive-keyring.gpg' exists. Overwrite? (y/N) y
1rv24mc031_darshan@darshu-Inspiron-15-3520:/home/tenpadmin$ echo "deb [arch=$(dpkg --print-architecture) signed-by=/usr/share/keyrings/docker-archive-keyring.gpg] https://download.docker.com/linux/ubuntu $(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
1rv24mc031_darshan@darshu-Inspiron-15-3520:/home/tenpadmin$ sudo apt update
Hit:1 https://download.docker.com/linux/ubuntu noble InRelease
Hit:2 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:3 http://in.archive.ubuntu.com/ubuntu noble InRelease
Hit:4 http://in.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:5 https://dl.google.com/linux/chrome/deb stable InRelease
Hit:6 http://in.archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:7 https://ppa.launchpadcontent.net/gns3/ppa/ubuntu noble InRelease
Hit:8 https://deb.nodesource.com/node_20.x nodistro InRelease
Hit:9 http://repo.mysql.com/apt/ubuntu jammy InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
214 packages can be upgraded. Run 'apt list --upgradable' to see them.
1rv24mc031_darshan@darshu-Inspiron-15-3520:/home/tenpadmin$ sudo apt install docker-ce docker-ce-cli containerd.io
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libgl1-amber-dri libglapi-mesa
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  docker-ce-rootless-extras
Suggested packages:
  cgroupfs-mount | cgroup-lite docker-model-plugin
The following packages will be upgraded:
  containerd.io docker-ce docker-ce-cli docker-ce-rootless-extras
4 upgraded, 0 newly installed, 0 to remove and 210 not upgraded.
```

Step 7: Verify Docker installation

```
sudo docker --version
```

```
Setting up docker-ce-cli (5:28.5.1-1-ubuntu.24.04-noble) ...
Setting up docker-ce-rootless-extras (5:28.5.1-1-ubuntu.24.04-noble) ...
Setting up docker-ce (5:28.5.1-1-ubuntu.24.04-noble) ...
Processing triggers for man-db (2.12.0-4build2) ...
1rv24mc031_darshan@darshu-Inspiron-15-3520:/home/tenpadmin$ sudo docker --version
Docker version 28.5.1, build e180ab8
1rv24mc031_darshan@darshu-Inspiron-15-3520:/home/tenpadmin$
```