

To change username in Ubuntu

1. Check username in terminal

```
>>whoami
```

2. Create a temporary user

```
>> sudo adduser temp
```

3. Make the temp user a sudoer

```
>> sudo adduser temp sudo
```

it takes some time to make the user sudoer , restart again and login to the temp user

4. In terminal change the username

```
>>sudo usermod -l 1rv24mc111_uday udayraj
```

5. Relogin and check if username changed



```
1rv24mc111_uday@udayraj-HP-Laptop-15s-eq2xxx: ~  
1rv24mc111_uday@udayraj-HP-Laptop-15s-eq2xxx:~$ whoami  
1rv24mc111_uday  
1rv24mc111_uday@udayraj-HP-Laptop-15s-eq2xxx:~$
```

To install Docker using apt

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
```

```
1rv24mc111_uday@udayraj-HP-Laptop-15s-eq2xxx:~$ sudo apt-get update
Hit:1 https://brave-browser-apt-release.s3.brave.com stable InRelease
Hit:2 https://download.docker.com/linux/ubuntu noble InRelease
Hit:3 https://deb.nodesource.com/node_22.x nodistro InRelease
Hit:4 https://packages.microsoft.com/repos/code stable InRelease
Hit:5 https://dl.google.com/linux/chrome/deb stable InRelease
Hit:6 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:7 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:8 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:9 https://ppa.launchpadcontent.net/gns3/ppa/ubuntu noble InRelease
Hit:10 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:11 https://ppa.launchpadcontent.net/obsproject/obs-studio/ubuntu noble InRelease
Reading package lists... Done
1rv24mc111_uday@udayraj-HP-Laptop-15s-eq2xxx:~$ 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:
  android-libaapt android-libandroidfw android-libbacktrace android-libutils libapk-signature libgl1-amd-gpu-dri libglapi-mesa libllvm19 libzopfli1
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 87 not upgraded.
1rv24mc111_uday@udayraj-HP-Laptop-15s-eq2xxx:~$ sudo install -m 0755 -d /etc/apt/keyrings
1rv24mc111_uday@udayraj-HP-Laptop-15s-eq2xxx:~$ sudo curl -fsSL https://download.docker.com/linux/ubuntu/gpg -o /etc/apt/keyrings/docker.asc
1rv24mc111_uday@udayraj-HP-Laptop-15s-eq2xxx:~$ sudo chmod a+r /etc/apt/keyrings/docker.asc
1rv24mc111_uday@udayraj-HP-Laptop-15s-eq2xxx:~$ 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:-$VERSION_CODENAME}") stable" | \
sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
1rv24mc111_uday@udayraj-HP-Laptop-15s-eq2xxx:~$
```

2. Install Docker packages

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

docker-compose-plugin

```
Oct 15 15:23
1rv24mc111_uday@udayraj-HP-Laptop-15s-eq2xxx:~$ 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:
  android-libaapt android-libandroidfw android-libbacktrace android-libutils libapksig-java libgl1-amd-gpu-dri libglapi-mesa libllvm19 libzopfli1
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 87 not upgraded.
Need to get 185 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 185 MB in 40s (2,647 kB/s)
Selecting previously unselected package containerd.io.
(Reading database ... 259273 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_5k3a28.5.1-1-ubuntu.24.04-noble_amd64.deb ...
Unpacking docker-ce-cli (5:28.5.1-1-ubuntu.24.04-noble) ...
Selecting previously unselected package docker-ce.
Preparing to unpack .../2-docker-ce_5k3a28.5.1-1-ubuntu.24.04-noble_amd64.deb ...
Unpacking docker-ce (5:28.5.1-1-ubuntu.24.04-noble) ...
Selecting previously unselected package pigz.
Preparing to unpack .../3-pigz_2.8-1_amd64.deb ...
Unpacking pigz (2.8-1) ...
Selecting previously unselected package docker-buildx-plugin.
Preparing to unpack .../4-docker-buildx-plugin_0.29.1-1-ubuntu.24.04-noble_amd64.deb ...
Unpacking docker-buildx-plugin (0.29.1-1-ubuntu.24.04-noble) ...
Selecting previously unselected package docker-ce-rootless-extras.
Preparing to unpack .../5-docker-ce-rootless-extras_5k3a28.5.1-1-ubuntu.24.04-noble_amd64.deb ...
Unpacking docker-ce-rootless-extras (5:28.5.1-1-ubuntu.24.04-noble) ...
Setting up containerd.io (1.7.28-1-ubuntu.24.04-noble) ...
Setting up docker-ce-cli (5:28.5.1-1-ubuntu.24.04-noble) ...
Setting up docker-ce (5:28.5.1-1-ubuntu.24.04-noble) ...
Setting up pigz (2.8-1) ...
Setting up docker-buildx-plugin (0.29.1-1-ubuntu.24.04-noble) ...
Setting up docker-ce-rootless-extras (5:28.5.1-1-ubuntu.24.04-noble) ...
Setting up docker-compose-plugin (2.40.0-1-ubuntu.24.04-noble) ...
```

3. Check Docker Status

>>sudo systemctl status docker

```
1rv24mc111_uday@udayraj-HP-Laptop-15s-eq2xxx:~$ 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 15:23:14 IST; 5min ago
     TriggeredBy: ● docker.socket
   Docs: https://docs.docker.com
   Main PID: 8951 (dockerd)
     Tasks: 16
    Memory: 21.4M (peak: 24.6M)
       CPU: 673ms
   CGroup: /system.slice/docker.service
           └─8951 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock

Oct 15 15:23:13 udayraj-HP-Laptop-15s-eq2xxx dockerd[8951]: time="2025-10-15T15:23:13.748229461+05:30" level=info msg="detected 127.0.0.53 nameserver, assuming systemd-resolved, so using re
Oct 15 15:23:13 udayraj-HP-Laptop-15s-eq2xxx dockerd[8951]: time="2025-10-15T15:23:13.802149564+05:30" level=info msg="Creating a containerd client" address=/run/containerd/containerd.sock
Oct 15 15:23:13 udayraj-HP-Laptop-15s-eq2xxx dockerd[8951]: time="2025-10-15T15:23:13.838898993+05:30" level=info msg="Loading containers: start."
Oct 15 15:23:14 udayraj-HP-Laptop-15s-eq2xxx dockerd[8951]: time="2025-10-15T15:23:14.262580284+05:30" level=info msg="Loading containers: done."
Oct 15 15:23:14 udayraj-HP-Laptop-15s-eq2xxx dockerd[8951]: time="2025-10-15T15:23:14.284558925+05:30" level=info msg="Docker daemon" commit=f8215cc containerd-snapshotter=false storage-dri
Oct 15 15:23:14 udayraj-HP-Laptop-15s-eq2xxx dockerd[8951]: time="2025-10-15T15:23:14.284802860+05:30" level=info msg="Initializing buildkit"
Oct 15 15:23:14 udayraj-HP-Laptop-15s-eq2xxx dockerd[8951]: time="2025-10-15T15:23:14.303610286+05:30" level=info msg="Completed buildkit initialization"
Oct 15 15:23:14 udayraj-HP-Laptop-15s-eq2xxx dockerd[8951]: time="2025-10-15T15:23:14.313671308+05:30" level=info msg="Daemon has completed initialization"
Oct 15 15:23:14 udayraj-HP-Laptop-15s-eq2xxx dockerd[8951]: time="2025-10-15T15:23:14.313769736+05:30" level=info msg="API listen on /run/docker.sock"
Oct 15 15:23:14 udayraj-HP-Laptop-15s-eq2xxx systemd[1]: Started docker.service - Docker Application Container Engine.
lines 1-22/22 (END)
[1]+  Stopped                  sudo systemctl status docker
```

4. Run a Sample Container

```
1rv24mc111_uday@udayraj-HP-Laptop-15s-eq2xxx:~$ 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.
(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/>

```
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
```