

To change the user name in Linux:

1. check your user name

>whoami

```
vishnupriya-g@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$ whoami
vishnupriya-g
```

2. Create a temporary user

>sudo adduser tempadmin

```
vishnupriya-g@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$ sudo adduser tempadmin
[sudo] password for vishnupriya-g:
info: Adding user `tempadmin' ...
info: Selecting UID/GID from range 1000 to 59999 ...
info: Adding new group `tempadmin' (1001) ...
info: Adding new user `tempadmin' (1001) with group `tempadmin (1001)' ...
info: Creating home directory `/home/tempadmin' ...
info: Copying files from `/etc/skel' ...
New password:
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word
Retype new password:
Sorry, passwords do not match.
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for tempadmin
Enter the new value, or press ENTER for the default
  Full Name []:
  Room Number []:
  Work Phone []:
  Home Phone []:
  Other []:
Is the information correct? [Y/n] y
info: Adding new user `tempadmin' to supplemental / extra groups `users' ...
info: Adding user `tempadmin' to group `users' ...
```

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 1RV24MC035_vishnupriya vishnupriya-g

```
tempadmin@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$ whoami
tempadmin@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$ sudo usermod -l 1RV24MC035_vishnupriya vishnupriya-g
[sudo] password for tempadmin:
tempadmin@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$ sudo mv /home/vishnupriya-g /home/1RV24MC035_vishnupriya
tempadmin@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$ sudo usermod -d /home/1RV24MC035_vishnupriya -m 1RV24MC035_vishnupriya
usermod: directory /home/1RV24MC035_vishnupriya exists
tempadmin@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$ sudo usermod -d /home/1RV24MC035_vishnupriya 1RV24MC035_vishnupriya
usermod: no changes
tempadmin@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$
```

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

>whoami

7. Remove the tempadmin,delete it

>sudo deluser tempadmin

>sudo rm -r /home/tempadmin

```
1RV24MC035_vishnupriya@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$ whoami
1RV24MC035_vishnupriya
1RV24MC035_vishnupriya@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$ sudo deluser tempadmin
[sudo] password for 1RV24MC035_vishnupriya:
info: Removing crontab ...
info: Removing user `tempadmin' ...
1RV24MC035_vishnupriya@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$ sudo rm -r /home/tempadmin
1RV24MC035_vishnupriya@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$ █
```

Docker Installation

Step 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
```

Step 2: Install the Docker packages.

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

Step 3: Verify that the installation is successful by running the hello-world image:

```
Oct 17 15:52
1RV24MC035_vishnupriya@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$
Info: Removing user 'tempadmin' ...
1RV24MC035_vishnupriya@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$ sudo rm -r /home/tempadmin
1RV24MC035_vishnupriya@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$ # 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=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc] https://download.docker.com/linux/ubuntu \
    S(. /etc/os-release && echo "${UBUNTU_CODENAME:-$VERSION_CODENAME}") stable" | \
  sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
sudo apt-get update
Hit:1 http://in.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:3 http://in.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:4 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [1,222 kB]
Get:5 http://in.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:6 http://in.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [1,498 kB]
Get:7 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [284 kB]
Get:8 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [21.5 kB]
Get:9 http://security.ubuntu.com/ubuntu noble-security/main Icons (48x48) [13.4 kB]
Get:10 http://security.ubuntu.com/ubuntu noble-security/main Icons (64x64) [20.0 kB]
Get:11 http://security.ubuntu.com/ubuntu noble-security/main amd64 c-n-f Metadata [8,968 B]
Get:12 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [1,978 kB]
Get:13 http://in.archive.ubuntu.com/ubuntu noble-updates/main Translation-en [288 kB]
Get:14 http://security.ubuntu.com/ubuntu noble-security/restricted Translation-en [450 kB]
Get:15 http://in.archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [175 kB]
Get:16 http://in.archive.ubuntu.com/ubuntu noble-updates/main Icons (48x48) [13.0 kB]
Get:17 http://in.archive.ubuntu.com/ubuntu noble-updates/main Icons (64x64) [51.0 kB]
Get:18 http://in.archive.ubuntu.com/ubuntu noble-updates/main amd64 c-n-f Metadata [15.3 kB]
Get:19 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
Get:20 http://in.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [2,890 kB]
Get:21 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 c-n-f Metadata [520 B]
Get:22 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [885 kB]
Get:23 http://security.ubuntu.com/ubuntu noble-security/universe Translation-en [197 kB]
Get:24 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [52.2 kB]
Get:25 http://security.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f Metadata [18.2 kB]
Get:26 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [28.0 kB]
Get:27 http://security.ubuntu.com/ubuntu noble-security/multiverse Translation-en [5,844 B]
Get:28 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [208 B]
Get:29 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 c-n-f Metadata [384 B]
Get:30 http://in.archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [470 kB]
Get:31 http://in.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [717 B]
Oct 17 15:52
1RV24MC035_vishnupriya@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$
Get:42 http://in.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 c-n-f Metadata [484 B]
Get:43 http://in.archive.ubuntu.com/ubuntu noble-backports/main amd64 Packages [48.4 kB]
Get:44 http://in.archive.ubuntu.com/ubuntu noble-backports/main Translation-en [9,208 B]
Get:45 http://in.archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [7,144 B]
Get:46 http://in.archive.ubuntu.com/ubuntu noble-backports/main Icons (48x48) [9,530 B]
Get:47 http://in.archive.ubuntu.com/ubuntu noble-backports/main Icons (64x64) [11.2 kB]
Get:48 http://in.archive.ubuntu.com/ubuntu noble-backports/main amd64 c-n-f Metadata [368 B]
Get:49 http://in.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]
Get:50 http://in.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [28.9 kB]
Get:51 http://in.archive.ubuntu.com/ubuntu noble-backports/universe Translation-en [17.5 kB]
Get:52 http://in.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [11.0 kB]
Get:53 http://in.archive.ubuntu.com/ubuntu noble-backports/universe Icons (48x48) [24.3 kB]
Get:54 http://in.archive.ubuntu.com/ubuntu noble-backports/universe Icons (64x64) [33.4 kB]
Get:55 http://in.archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Metadata [1,444 B]
Get:56 http://in.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Fetched 13.1 MB in 25s (523 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
ca-certificates is already the newest version (20240203).
ca-certificates set to manually installed.
The following NEW packages will be installed:
  curl
0 upgraded, 1 newly installed, 0 to remove and 459 not upgraded.
Need to get 226 kB of archives.
After this operation, 534 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://in.archive.ubuntu.com/ubuntu noble-updates/main amd64 curl 8.5.0-2ubuntu10.6 [226 kB]
Fetched 226 kB in 2s (97.2 kB/s)
Selecting previously unselected package curl.
(Reading database ... 194607 files and directories currently installed.)
Preparing to unpack .../curl_8.5.0-2ubuntu10.6_amd64.deb ...
Unpacking curl (8.5.0-2ubuntu10.6) ...
Setting up curl (8.5.0-2ubuntu10.6) ...
Processing triggers for man-db (2.12.0-4build2) ...
Get:1 https://download.docker.com/linux/ubuntu noble InRelease [48.5 kB]
Get:2 https://download.docker.com/linux/ubuntu noble/stable amd64 Packages [33.0 kB]
Hit:3 http://in.archive.ubuntu.com/ubuntu noble InRelease
Hit:4 http://in.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:5 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:6 http://in.archive.ubuntu.com/ubuntu noble-backports InRelease
Fetched 81.5 kB in 2s (47.1 kB/s)
Reading package lists... Done
1RV24MC035_vishnupriya@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$
```

```
1RV24MC035_vishnupriya@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$ sudo systemctl restart docker
1RV24MC035_vishnupriya@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$ sudo docker run hello-world
Unable to find image 'hello-world:latest' locally
latest: Pulling from library/hello-world
17eec7bbc9d7: Pull complete
Digest: sha256:6dc565aa63092705211f823c303948cf83670a3903ffa3849f1488ab517f891
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/>

```
1RV24MC035_vishnupriya@vishnupriya-g-VivoBook-ASUSLaptop-X515JAB-X515JA:~$ █
```