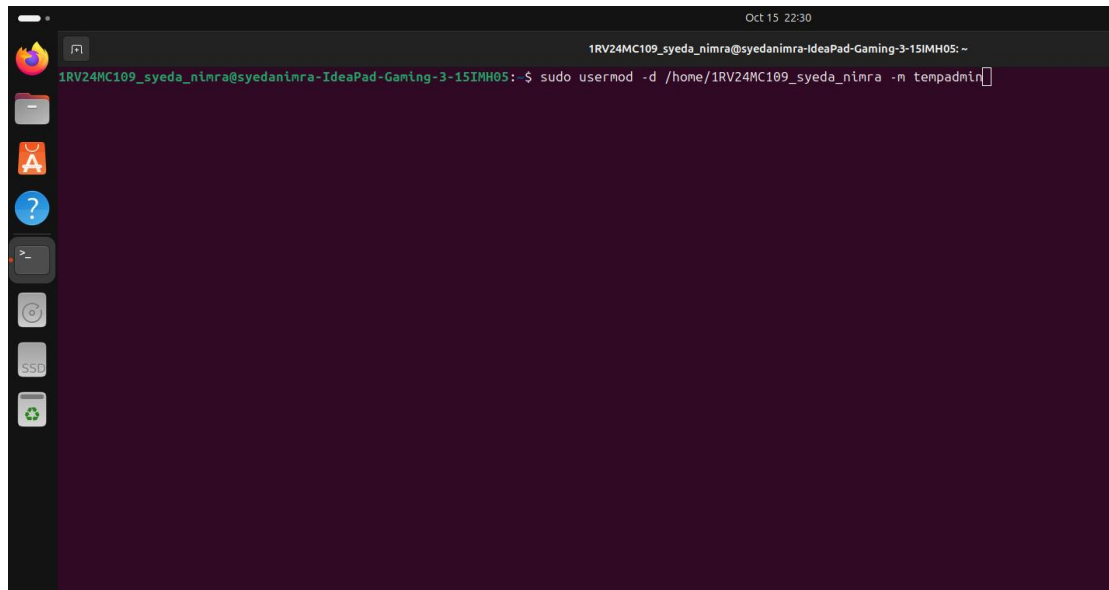


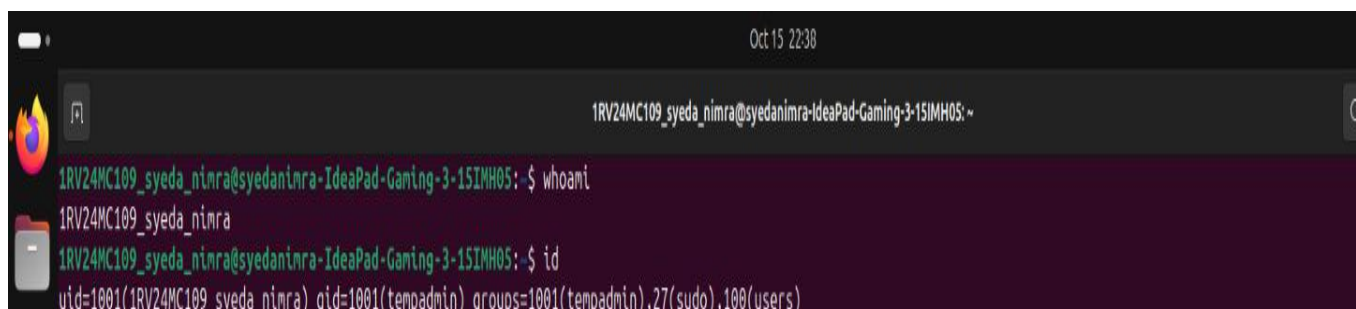
DOCKER INSTALLATION

Step 1- Change current username to your usn and name format.



```
1RV24MC109_syeda_nimra@syedaninra-IdeaPad-Gaming-3-15IMH05: ~  
1RV24MC109_syeda_nimra@syedaninra-IdeaPad-Gaming-3-15IMH05: $ sudo usermod -d /home/1RV24MC109_syeda_nimra -m tempadmin
```

Step 2- To confirm changes use command whoami



```
1RV24MC109_syeda_nimra@syedaninra-IdeaPad-Gaming-3-15IMH05: ~  
1RV24MC109_syeda_nimra@syedaninra-IdeaPad-Gaming-3-15IMH05: $ whoami  
1RV24MC109_syeda_nimra  
1RV24MC109_syeda_nimra@syedaninra-IdeaPad-Gaming-3-15IMH05: $ id  
uid=1001(1RV24MC109 syeda nimra) gid=1001(tempadmin) groups=1001(tempadmin),27(sudo),100(users)
```

Step 3 - Install docker

Visit the original docker docs website and check installation steps from there.

Type the given commands for installation of docker

```
1RV24MC109_syeda_ninra@syedaninra-IdeaPad-Gaming-3-15IMH05:~$ # 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] password for 1RV24MC109_syeda_ninra:
Get:1 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Hit:2 http://in.archive.ubuntu.com/ubuntu noble InRelease
Get:3 http://in.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:4 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [884 kB]
Hit:5 http://in.archive.ubuntu.com/ubuntu noble-backports InRelease
Get:6 http://in.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [1,498 kB]
Get:7 http://in.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [1,490 kB]
Fetched 4,124 kB in 5s (797 kB/s)
Reading package lists... Done
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 86 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 amd64 8.5.0-2ubuntu10.6 [226 kB]
Fetched 226 kB in 2s (103 kB/s)
Selecting previously unselected package curl.
(Reading database ... 150147 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) ...
```

Step 4- to verify docker installation:sudo systemctl status docker

```
Setting up git (1:2.43.0-1ubuntu7.3) ...
Processing triggers for man-db (2.12.0-4build2) ...
Processing triggers for libc-bin (2.39-0ubuntu8.6) ...
1RV24MC109_syeda_ninra@syedaninra-IdeaPad-Gaming-3-15IMH05:~$ 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 22:39:39 IST; 20s ago
     TriggeredBy: ● docker.socket
   Docs: https://docs.docker.com
   Main PID: 7208 (dockerd)
    Tasks: 14
   Memory: 23.8M (peak: 25.8M)
      CPU: 290ms
   CGroup: /system.slice/docker.service
           └─7208 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock

Oct 15 22:39:39 syedaninra-IdeaPad-Gaming-3-15IMH05 dockerd[7208]: time="2025-10-15T22:39:39.312256640+05:30" level=info msg="detected 127.0.0.53 nameserver, assuming systemd-resolved"
Oct 15 22:39:39 syedaninra-IdeaPad-Gaming-3-15IMH05 dockerd[7208]: time="2025-10-15T22:39:39.347350152+05:30" level=info msg="Creating a containerd client" address=/run/containerd/containerd.sock
Oct 15 22:39:39 syedaninra-IdeaPad-Gaming-3-15IMH05 dockerd[7208]: time="2025-10-15T22:39:39.379522149+05:30" level=info msg="Loading containers: start."
Oct 15 22:39:39 syedaninra-IdeaPad-Gaming-3-15IMH05 dockerd[7208]: time="2025-10-15T22:39:39.653985244+05:30" level=info msg="Loading containers: done."
Oct 15 22:39:39 syedaninra-IdeaPad-Gaming-3-15IMH05 dockerd[7208]: time="2025-10-15T22:39:39.668535501+05:30" level=info msg="Docker daemon" commit=f8215cc containerd-snapshotter=fal
Oct 15 22:39:39 syedaninra-IdeaPad-Gaming-3-15IMH05 dockerd[7208]: time="2025-10-15T22:39:39.668618958+05:30" level=info msg="Initializing buildkit"
Oct 15 22:39:39 syedaninra-IdeaPad-Gaming-3-15IMH05 dockerd[7208]: time="2025-10-15T22:39:39.698461879+05:30" level=info msg="Completed buildkit initialization"
Oct 15 22:39:39 syedaninra-IdeaPad-Gaming-3-15IMH05 dockerd[7208]: time="2025-10-15T22:39:39.696892899+05:30" level=info msg="Daemon has completed initialization"
Oct 15 22:39:39 syedaninra-IdeaPad-Gaming-3-15IMH05 dockerd[7208]: time="2025-10-15T22:39:39.697176236+05:30" level=info msg="API listen on /run/docker.sock"
Oct 15 22:39:39 syedaninra-IdeaPad-Gaming-3-15IMH05 systemd[1]: Started docker.service - Docker Application Container Engine.
lines 1-22/22 (END)
```

Step 5-to start docker: sudo systemctl start docker

```
lines 1-22/22 (END)
[i]- Stopped          sudo systemctl status docker
1RV24MC109_syeda_ninra@syedaninra-IdeaPad-Gaming-3-15IMH05:~$ sudo systemctl start docker
1RV24MC109_syeda_ninra@syedaninra-IdeaPad-Gaming-3-15IMH05:~$ docker --version
Docker version 28.5.1, build e189a8b
1RV24MC109_syeda_ninra@syedaninra-IdeaPad-Gaming-3-15IMH05:~$
```