

# Changing User Name :

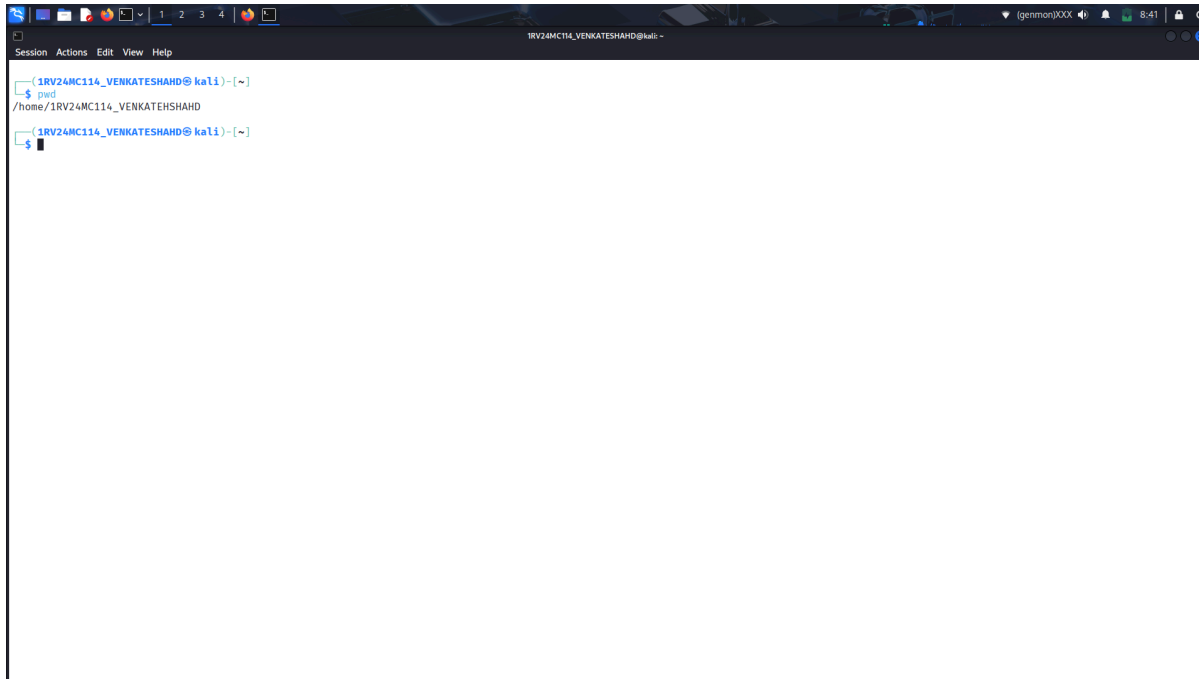
1) create temp new user

**sudo adduser temp**

2)give admin to temp

**sudo usermod -aG sudo temp**

3) switch the user to temp



A terminal window titled '1RV24MC114\_VENKATESHAHD@kali: ~' showing the execution of the first three steps. The user runs 'pwd' and the output is '/home/1RV24MC114\_VENKATESHAHD'. Then, the user switches to the 'temp' user using 'sudo su - temp'.

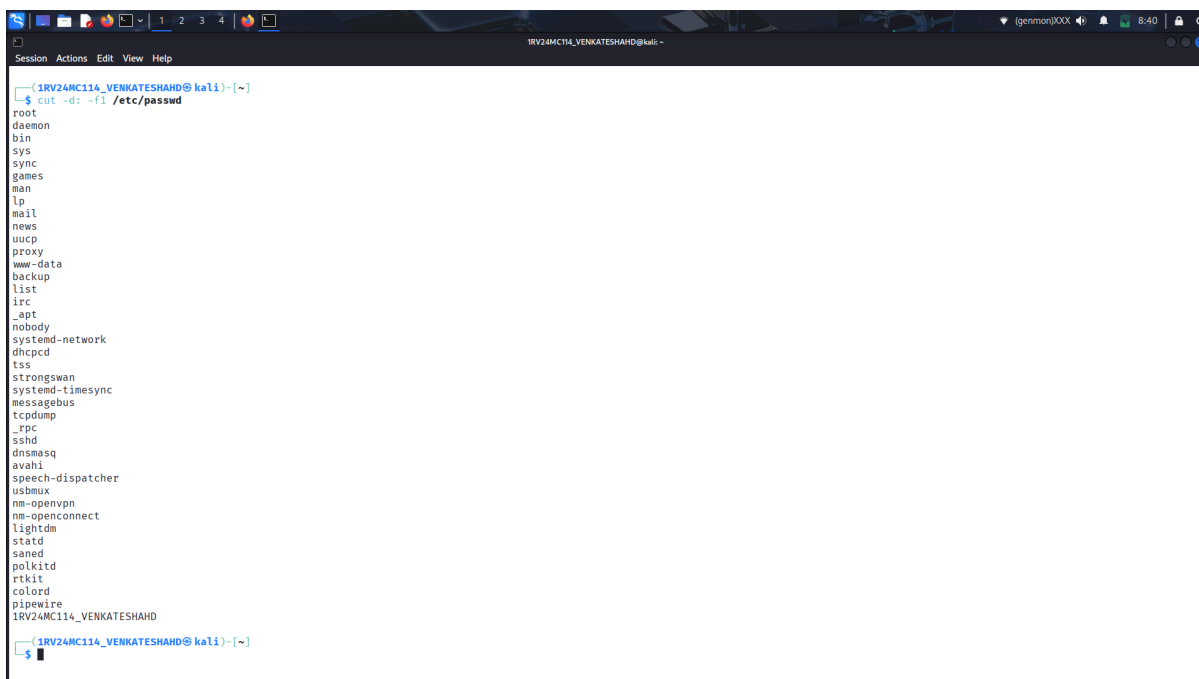
```
1RV24MC114_VENKATESHAHD@kali ~$ pwd
/home/1RV24MC114_VENKATESHAHD
1RV24MC114_VENKATESHAHD@kali ~$ sudo su - temp
```

4) kill the process of the original user

**sudo pkill -u venkatesha**

5) then change the name to new name

**sudo usermod -l 1RV24MC114\_VENKATESHAHD -d /home/1RV24MC114\_VENKATESHAHD -m venkatesha**

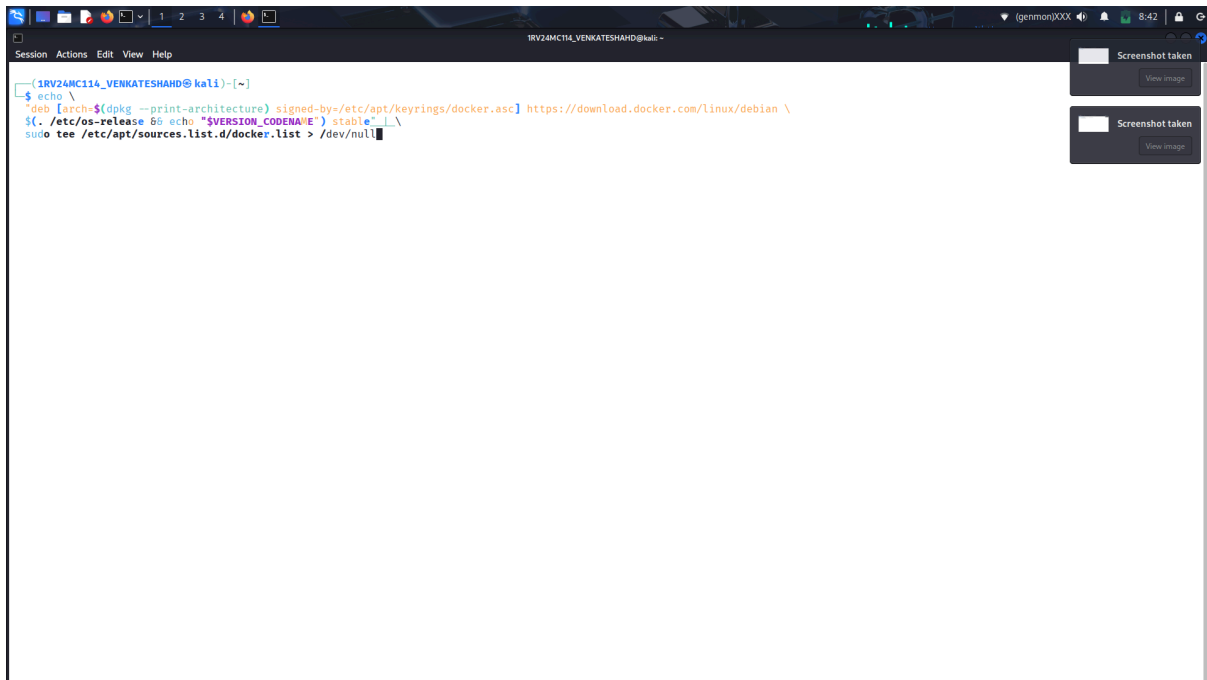


A terminal window titled '1RV24MC114\_VENKATESHAHD@kali: ~' showing the execution of the 'usermod' command. The output lists the system users that will be affected by the change.

```
1RV24MC114_VENKATESHAHD@kali ~$ sudo usermod -l 1RV24MC114_VENKATESHAHD -d /home/1RV24MC114_VENKATESHAHD -m venkatesha
root
daemon
bin
sys
sync
games
man
lp
mail
news
uucp
proxy
www-data
backup
list
irc
_apt
nobody
systemd-network
dhcpcd
kiss
strongswan
systemd-timesync
messagebus
tcpdump
_ftp
sshd
dnsmasq
avahi
speech-dispatcher
usbmux
nm-openvpn
nm-openconnect
lightdm
smtpd
saned
polkitd
rtkit
colord
pipewire
1RV24MC114_VENKATESHAHD
1RV24MC114_VENKATESHAHD@kali ~$
```

# Installing Docker:

- 1.sudo apt-get update
- 2.sudo apt-get install ca-certificates curl
- 3.sudo install -m 0755 -d /etc/apt/keyrings
- 4.sudo curl -fsSL https://download.docker.com/linux/debian/gpg -o /etc/apt/keyrings/docker.asc
- 5.sudo chmod a+r /etc/apt/keyrings/docker.asc

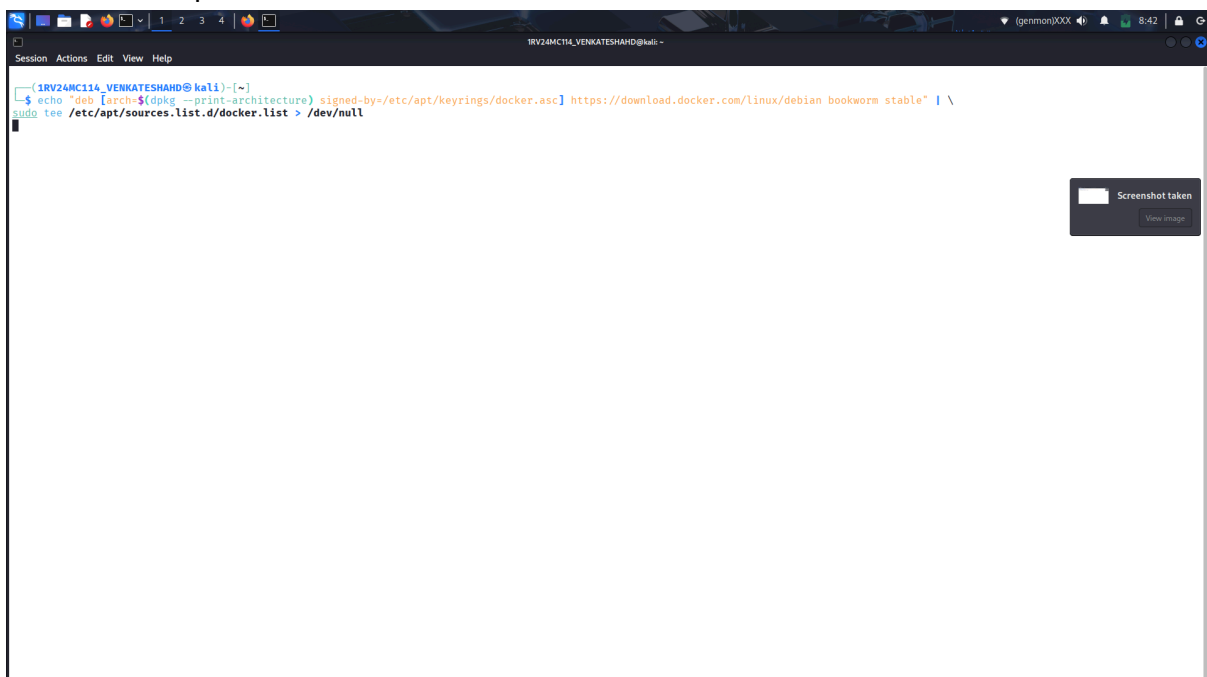


A terminal window on a Kali Linux system showing the execution of five commands to install Docker. The commands are: 1. `echo \`, 2. `"deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc] https://download.docker.com/linux/debian \`, 3. `$(. /etc/os-release && echo "$VERSION_CODENAME") stable" | \`, 4. `sudo tee /etc/apt/sources.list.d/docker.list > /dev/null`, and 5. `sudo tee /etc/apt/sources.list.d/docker.list > /dev/null`. The terminal output shows the commands being executed successfully. The terminal window has a title bar with '1RV24MC114\_VENKATESHAHD@kali: -' and a menu bar with 'Session Actions Edit View Help'. There are two 'Screenshot taken' notifications on the right side of the terminal window.

```
(1RV24MC114_VENKATESHAHD@kali)-[~]
$ echo \
"deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc] https://download.docker.com/linux/debian \
$(. /etc/os-release && echo "$VERSION_CODENAME") stable" | \
sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
```

## Add the repository to Apt sources:

```
echo \  
"deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc]  
https://download.docker.com/linux/debian \  
$(. /etc/os-release && echo "$VERSION_CODENAME") stable" | \  
sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
```

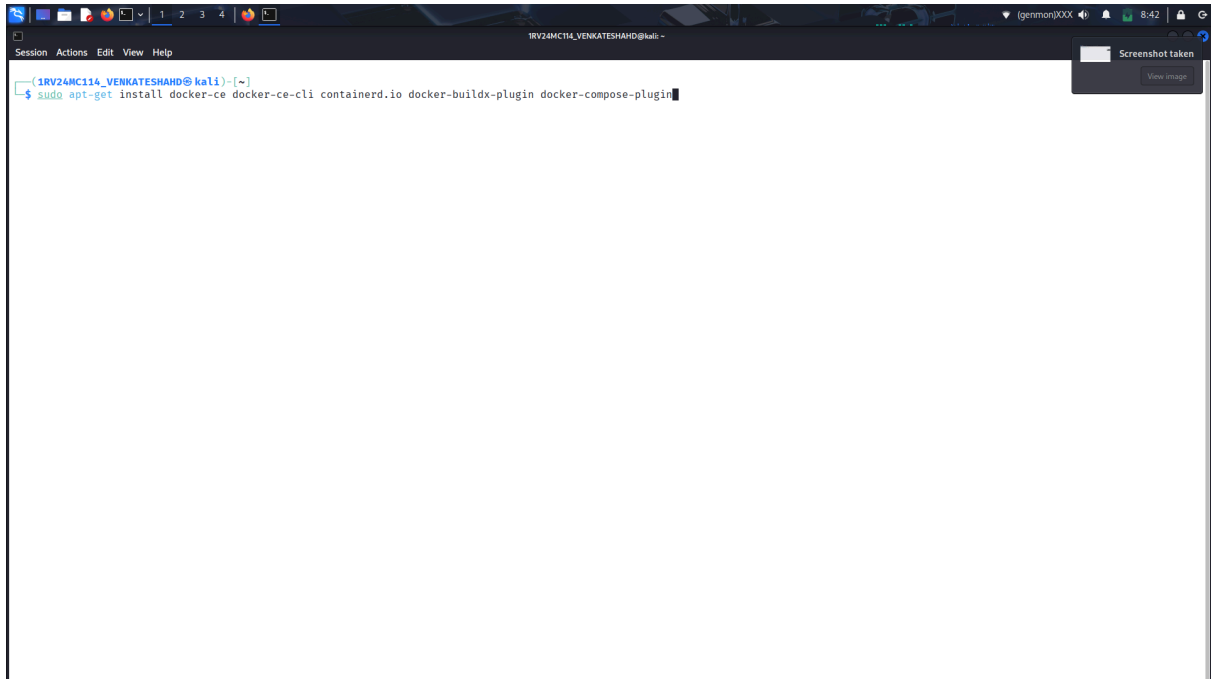


A terminal window on a Kali Linux system showing the execution of the command to add the Docker repository to the Apt sources. The command is: `echo \  
"deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc] https://download.docker.com/linux/debian bookworm stable" | \  
sudo tee /etc/apt/sources.list.d/docker.list > /dev/null`. The terminal output shows the command being executed successfully. The terminal window has a title bar with '1RV24MC114\_VENKATESHAHD@kali: -' and a menu bar with 'Session Actions Edit View Help'. There is one 'Screenshot taken' notification on the right side of the terminal window.

```
(1RV24MC114_VENKATESHAHD@kali)-[~]
$ echo "deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc] https://download.docker.com/linux/debian bookworm stable" | \
sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
```

To install the latest version, run:

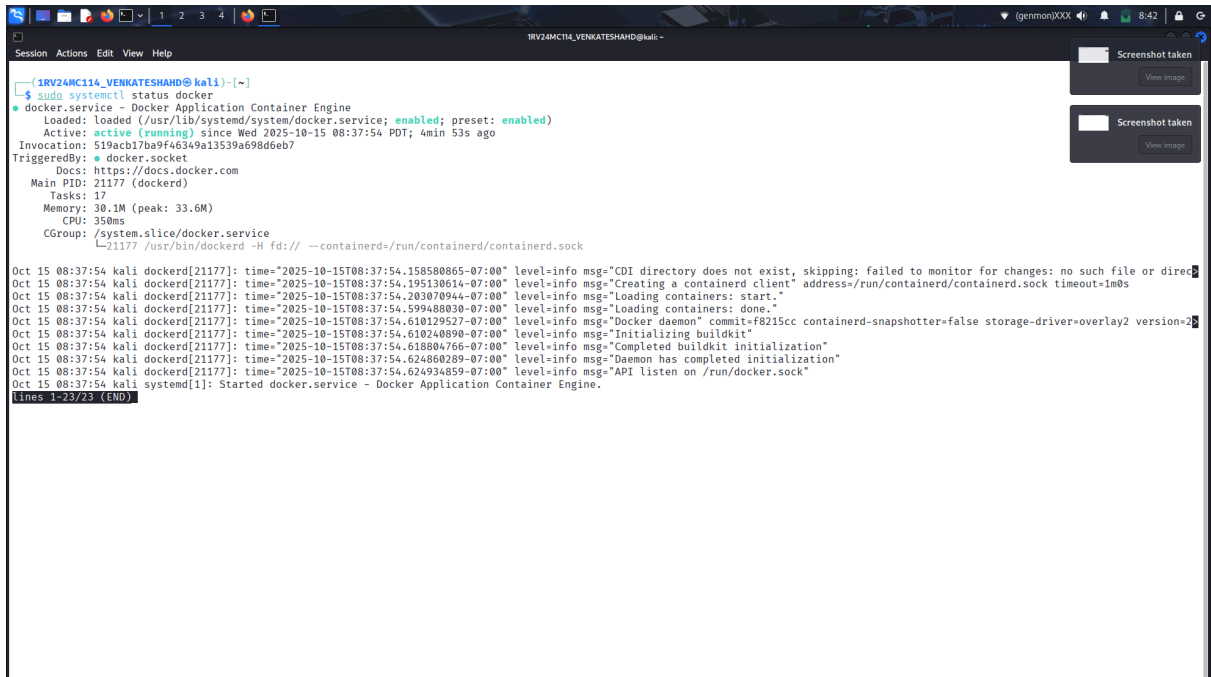
```
sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin  
docker-compose-plugin
```



A terminal window screenshot showing the command `sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin` being entered at the prompt. The terminal title is `1RV24MC114_VENKATESHAHD@kali`. A 'Screenshot taken' notification is visible in the top right corner.

The Docker service starts automatically after installation. To verify that Docker is running, use:

```
sudo systemctl status docker
```



A terminal window screenshot showing the output of `sudo systemctl status docker`. The output indicates that the Docker service is active and running. Below the service status, there are several log entries from the dockerd daemon showing the initialization process, including loading containers, initializing the buildkit, and listening on the API socket. The terminal title is `1RV24MC114_VENKATESHAHD@kali`. Two 'Screenshot taken' notifications are visible in the top right corner.