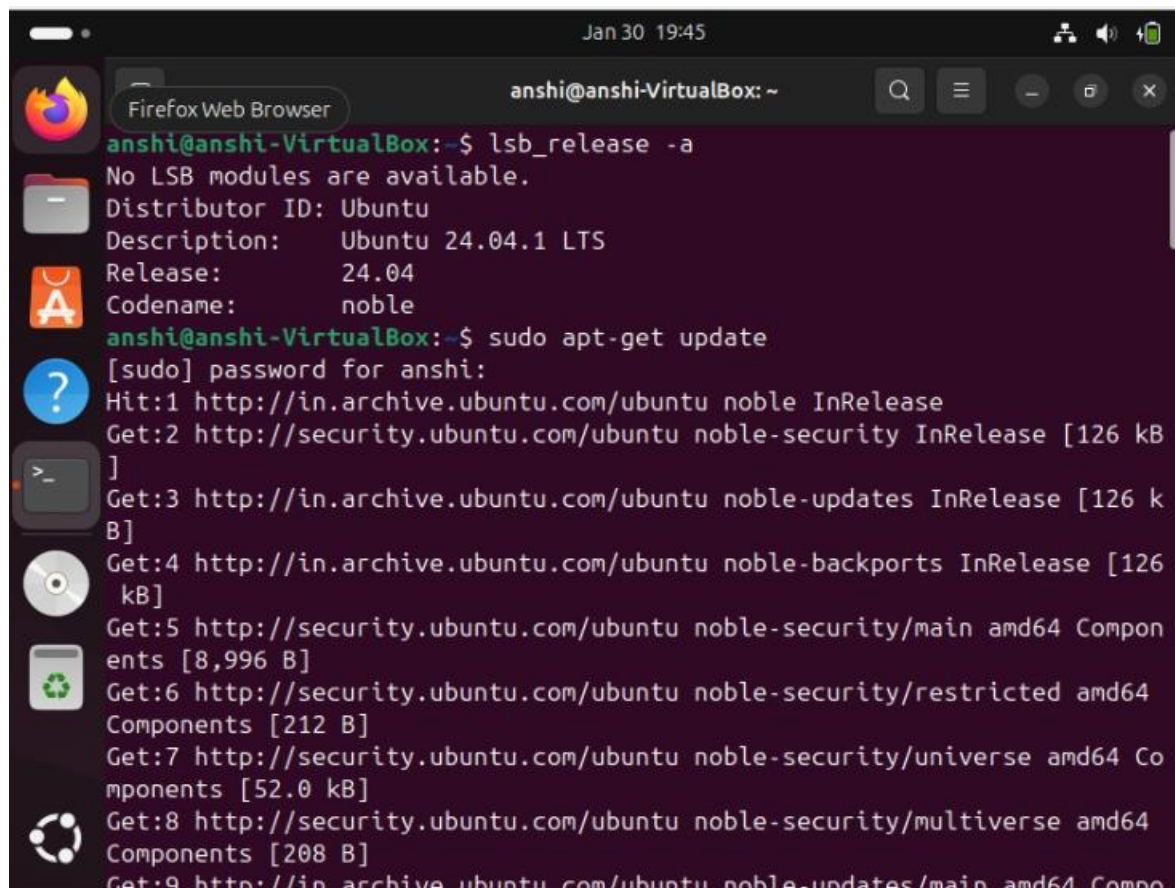


EXPERIMENT - 1 -> DOCKER INSTALLATION(LINUX):-



The screenshot shows a terminal window titled "anshi@anshi-VirtualBox: ~" with a timestamp of "Jan 30 19:45". The terminal displays the output of the command `lsb_release -a`, which shows the system is Ubuntu 24.04.1 LTS (codename noble). It then shows the command `sudo apt-get update` being executed, with a password prompt and a list of updates being fetched from various sources.

```
anshi@anshi-VirtualBox:~$ lsb_release -a
No LSB modules are available.
Distributor ID: Ubuntu
Description:    Ubuntu 24.04.1 LTS
Release:       24.04
Codename:      noble
anshi@anshi-VirtualBox:~$ sudo apt-get update
[sudo] password for anshi:
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 k
B]
Get:4 http://in.archive.ubuntu.com/ubuntu noble-backports InRelease [126
kB]
Get:5 http://security.ubuntu.com/ubuntu noble-security/main amd64 Compon
ents [8,996 B]
Get:6 http://security.ubuntu.com/ubuntu noble-security/restricted amd64
Components [212 B]
Get:7 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Co
mponents [52.0 kB]
Get:8 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64
Components [208 B]
Get:9 http://in.archive.ubuntu.com/ubuntu noble-updates/main amd64 Comp
```

```
Jan 30 19:51
anshi@anshi-VirtualBox: ~
anshi@anshi-VirtualBox:~$ sudo systemctl enable docker
anshi@anshi-VirtualBox:~$ sudo systemctl status docker
● docker.service - Docker Application Container Engine
   Loaded: loaded (/usr/lib/systemd/system/docker.service; enabled; p>
   Active: active (running) since Thu 2025-01-30 19:45:24 IST; 5min a>
   TriggeredBy: ● docker.socket
     Docs: https://docs.docker.com
    Main PID: 4557 (dockerd)
      Tasks: 12
     Memory: 28.7M (peak: 30.0M)
        CPU: 332ms
     CGroup: /system.slice/docker.service
             └─4557 /usr/bin/dockerd -H fd:// --containerd=/run/contain>

Jan 30 19:45:23 anshi-VirtualBox systemd[1]: Starting docker.service - >
Jan 30 19:45:23 anshi-VirtualBox dockerd[4557]: time="2025-01-30T19:45:>
Jan 30 19:45:23 anshi-VirtualBox dockerd[4557]: time="2025-01-30T19:45:>
Jan 30 19:45:23 anshi-VirtualBox dockerd[4557]: time="2025-01-30T19:45:>
Jan 30 19:45:24 anshi-VirtualBox dockerd[4557]: time="2025-01-30T19:45:>
Jan 30 19:45:24 anshi-VirtualBox dockerd[4557]: time="2025-01-30T19:45:>
Jan 30 19:45:24 anshi-VirtualBox dockerd[4557]: time="2025-01-30T19:45:>
Jan 30 19:45:24 anshi-VirtualBox dockerd[4557]: time="2025-01-30T19:45:>
Jan 30 19:45:24 anshi-VirtualBox systemd[1]: Started docker.service - D>
lines 1-21/21 (END)
```

```
Jan 30 19:55
anshi@anshi-VirtualBox: ~
anshi@anshi-VirtualBox:~$ sudo docker run hello-world
Unable to find image 'hello-world:latest' locally
latest: Pulling from library/hello-world
e6590344b1a5: Pull complete
Digest: sha256:d715f14f9eca81473d9112df50457893aa4d099adeb4729f679006bf5
ea12407
Status: Downloaded newer image for hello-world:latest

Hello from Docker!
This message shows that your installation appears to be working correctl
y.

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 s
    ent it
```

EXPERIMENT - 2 -> DOCKER

INSTALLATION(WINDOWS):-

