

```
administrator@admin:~$ sudo apt-get update
[sudo] password for administrator:
Hit:1 http://security.ubuntu.com/ubuntu jammy-security InRelease
Hit:2 http://in.archive.ubuntu.com/ubuntu jammy InRelease
Hit:3 http://in.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:4 http://in.archive.ubuntu.com/ubuntu jammy-backports InRelease
Reading package lists... Done
```

```
administrator@admin:~$ sudo apt-get install docker.io
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
docker.io is already the newest version (24.0.5-0ubuntu1~22.04.1).
0 upgraded, 0 newly installed, 0 to remove and 201 not upgraded.
```

```
administrator@admin:~$ sudo systemctl enable docker
```

```
administrator@admin:~$ sudo systemctl status docker
● docker.service - Docker Application Container Engine
   Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset: enabled)
   Active: active (running) since Mon 2024-02-19 10:39:52 IST; 2min 21s ago
 TriggeredBy: ● docker.socket
    Docs: https://docs.docker.com
   Main PID: 1663 (dockerd)
     Tasks: 29
    Memory: 99.1M
      CPU: 596ms
   CGroup: /system.slice/docker.service
           └─1663 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock
```

```
Feb 19 10:39:51 admin dockerd[1663]: time="2024-02-19T10:39:51.918786750+05:30" level=info
msg="Starting up"
Feb 19 10:39:51 admin dockerd[1663]: time="2024-02-19T10:39:51.919957523+05:30" level=info
msg="detected 127.0.0.53 nameserver, assuming systemd-resolved, so using resolv.conf:
/run/systemd/resolve/reso>
Feb 19 10:39:51 admin dockerd[1663]: time="2024-02-19T10:39:51.950714941+05:30" level=info
msg="[graphdriver] using prior storage driver: overlay2"
Feb 19 10:39:51 admin dockerd[1663]: time="2024-02-19T10:39:51.951294483+05:30" level=info
msg="Loading containers: start."
Feb 19 10:39:52 admin dockerd[1663]: time="2024-02-19T10:39:52.518925979+05:30" level=info
msg="Default bridge (docker0) is assigned with an IP address 172.17.0.0/16. Daemon option --bip
can be used to >
Feb 19 10:39:52 admin dockerd[1663]: time="2024-02-19T10:39:52.597010094+05:30" level=info
msg="Loading containers: done."
Feb 19 10:39:52 admin dockerd[1663]: time="2024-02-19T10:39:52.622350224+05:30" level=info
msg="Docker daemon" commit="24.0.5-0ubuntu1~22.04.1" graphdriver=overlay2 version=24.0.5
```

```
Feb 19 10:39:52 admin dockerd[1663]: time="2024-02-19T10:39:52.622639406+05:30" level=info
msg="Daemon has completed initialization"
Feb 19 10:39:52 admin dockerd[1663]: time="2024-02-19T10:39:52.660608287+05:30" level=info
msg="API listen on /run/docker.sock"
Feb 19 10:39:52 admin systemd[1]: Started Docker Application Container Engine.
lines 1-22/22 (END)
[1]+  Stopped                  sudo systemctl status docker
```

```
administrator@admin:~$ sudo service docker start
```

```
administrator@admin:~$ sudo systemctl start docker
```

```
administrator@admin:~$ sudo docker run hello-world
```

```
Unable to find image 'hello-world:latest' locally
latest: Pulling from library/hello-world
c1ec31eb5944: Pull complete
Digest: sha256:d000bc569937abbe195e20322a0bde6b2922d805332fd6d8a68b19f524b7d21d
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/>

```
administrator@admin:~$ vi myscript.sh
```

```
administrator@admin:~$ sh myscript.sh
```

```
Hello, Docker! Argument passed:
```