Docker Installation:

```
blab-05@blab05-OptiPlex-5060:~$ sudo apt-get update
sudo apt-get install \
ca-certificates \
curl \
gnupg \
lsb-release
blab-05@blab05-OptiPlex-5060:~$ sudo mkdir -m 0755 -p /etc/apt/keyrings
curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o
/etc/apt/keyrings/docker.gpg
blab-05@blab05-OptiPlex-5060:~$ echo \
"deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.gpg]
https://download.docker.com/linux/ubuntu \
$(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
blab-05@blab05-OptiPlex-5060:~$ sudo apt-get install docker-ce docker-ce-cli containerd.io
docker-buildx-plugin docker-compose-plugin
blab-05@blab05-OptiPlex-5060:~$ sudo usermod -aG docker $USER
[sudo] password for blab-05:
blab-05@blab05-OptiPlex-5060:~$ git clone https://github.com/docker/getting-started.git
Cloning into 'getting-started'...
remote: Enumerating objects: 952, done.
remote: Total 952 (delta 0), reused 0 (delta 0), pack-reused 952
Receiving objects: 100% (952/952), 5.18 MiB | 1.27 MiB/s, done.
blab-05@blab05-OptiPlex-5060:~$ cd getting-started
blab-05@blab05-OptiPlex-5060:~/getting-started$ ls
app docker-compose.yml docs mkdocs.yml requirements.txt
build.sh Dockerfile LICENSE README.md
blab-05@blab05-OptiPlex-5060:~/getting-started$ cd app
blab-05@blab05-OptiPlex-5060:~/getting-started/app$ newgrp docker
blab-05@blab05-OptiPlex-5060:~/getting-started/app$ docker run hello-world
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/
blab-05@blab05-OptiPlex-5060:~/getting-started/app$ docker build -t getting-started .
[+] Building 73.0s (11/11) FINISHED
=> [internal] load .dockerignore 0.2s
=> => transferring context: 2B 0.0s
```

=> [internal] load build definition from Dockerfile 0.3s
=> => transferring dockerfile: 185B 0.0s
=> resolve image config for docker.io/docker/dockerfile:1 4.4s
=> docker-image://docker.io/docker/dockerfile:1@sha256:39b85bbfa7536a5fe 8.4s
=> => resolve docker.io/docker/dockerfile:1@sha256:39b85bbfa7536a5feceb7 0.5s
=> => sha256:966d40f9ba8366e74c2fa353fc0bc7bbc167d2a0f3ad242 482B / 482B 0.0s
=> [internal] load build context 0.7s
=> => transferring context: 4.59MB 0.0s
=> [2/4] WORKDIR /app 2.0s
=> [3/4] COPY . . 0.8s
=> [4/4] RUN yarn install --production 14.3s
=> exporting to image 3.4s
=> => exporting layers 3.3s
=> => writing image sha256:3838b863c5735e31cec4a2821d5fd861d68e5443c6860 0.0s
=> => naming to docker.io/library/getting-started 0.0s
blab-05@blab05-OptiPlex-5060:~/getting-started/app$ docker run -dp 3000:3000 getting-started
3ee52a852a43eba5c50986aabe46a27671cf22646df949b0a7b2857396f56919
blab-05@blab05-OptiPlex-5060:~/getting-started/app$