

To install and run docker:

1.to install docker

```
sudo apt install curl
```

```
curl -fsSL https://get.docker.com | sudo bash
```

2.to check docker is running:

```
sudo systemctl status docker
```

3.to start docker:

```
sudo systemctl start docker
```

To Create an image and Run:

1.Create main.py:

```
def main():  
    print("Hello from docker")  
  
if __name__ == "__main__":  
    main()
```

2.create Dockerfile(without any extension):

```
FROM python:3.13-slim  
WORKDIR /app  
COPY main.py .  
CMD ["python","main.py"]
```

Note:

If requires create an file name requirements.txt

3.Build Docker image

```
sudo docker build -t my-app .
```

4.Run image

```
sudo docker run my-app
```

5.to list all the images

```
sudo docker images
```