

Activity 13 - Docker

Members

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Image Creation

Python Script

```
# main.py

import os

print(f'Hello, {os.environ['secret_user']}')
```

Dockerfile

```
FROM python:3

WORKDIR /usr/src/app

COPY . .

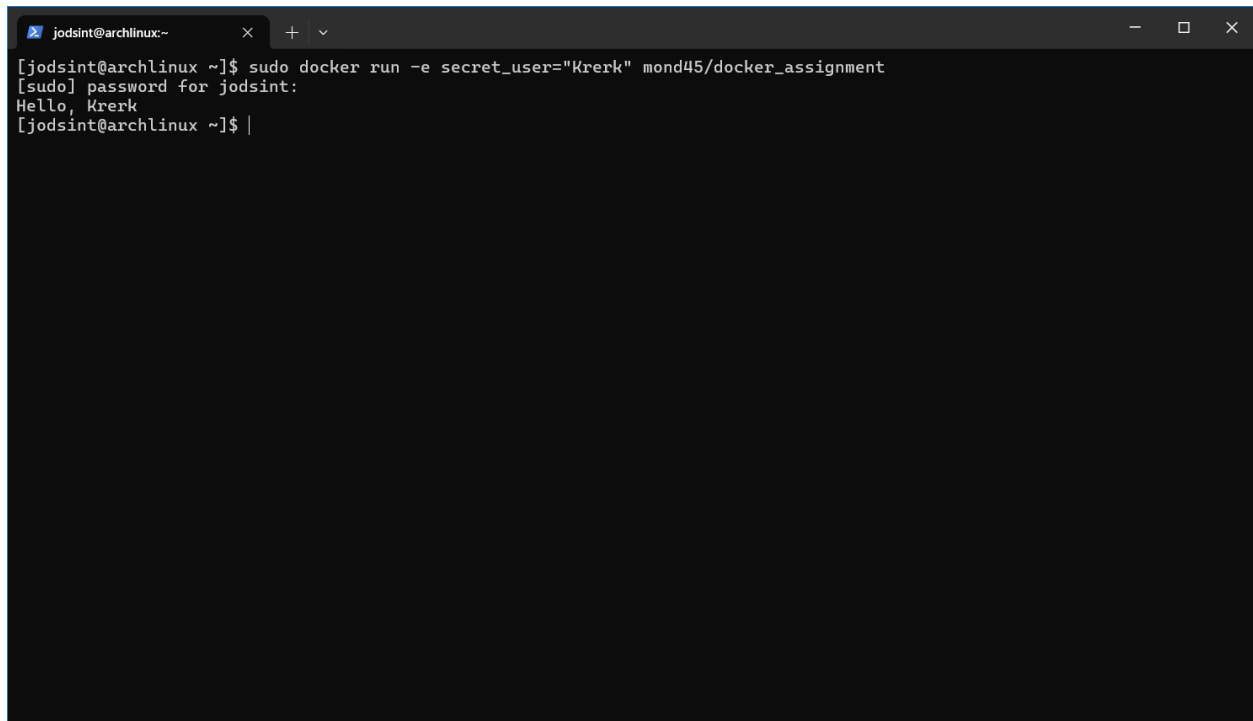
CMD ["python", "./main.py"]
```

The image is built using the command `docker build -t docker_assignment .`

The image is then pushed to Docker Hub using the command:

```
docker tag docker_assignment:latest mond45/docker_assignment:latest
docker push mond45/docker_assignment:latest
```

Container Usage

A terminal window titled 'jodsint@archlinux~' with standard window controls. The terminal shows a command to run a Docker container, followed by a password prompt and a greeting message.

```
jodsint@archlinux ~]$ sudo docker run -e secret_user="KrerK" mond45/docker_assignment
[sudo] password for jodsint:
Hello, Krerk
jodsint@archlinux ~]$
```

The image is run on the other machine using the command `sudo docker run -e secret_user="KrerK" mond45/docker_assignment`