

## Assignment-4

### Plasma Donor Application

Team ID: PNT2022TMID19795

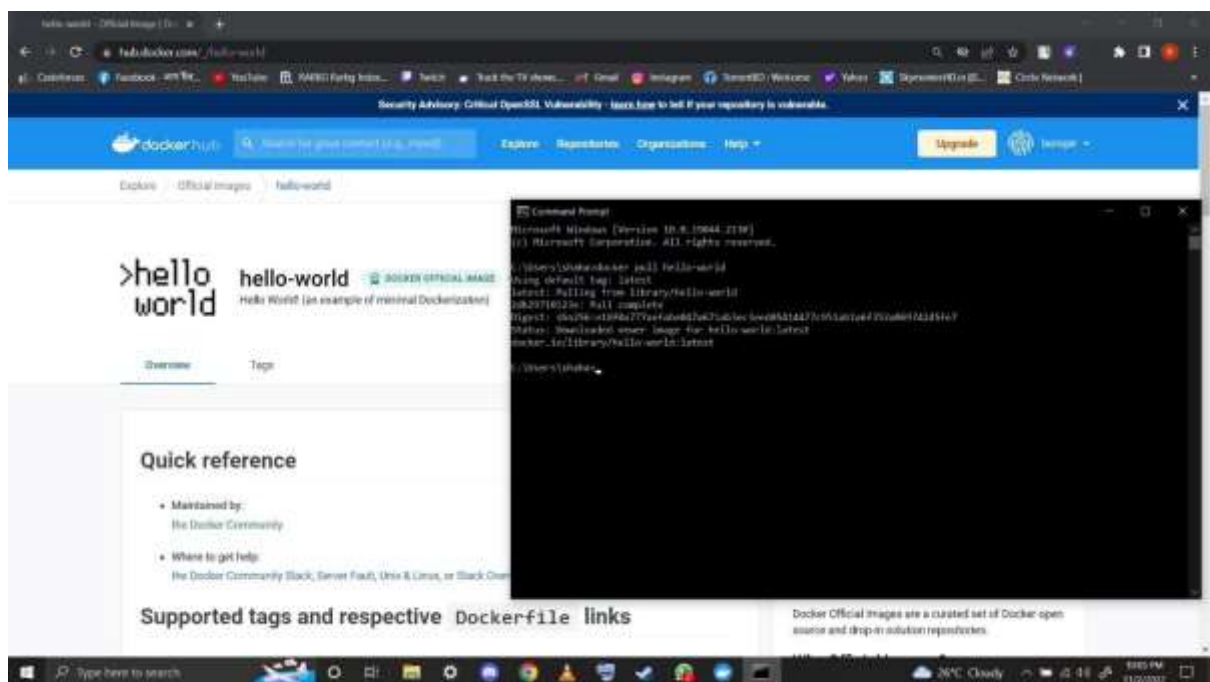
Team Leader: Bharanidharan R

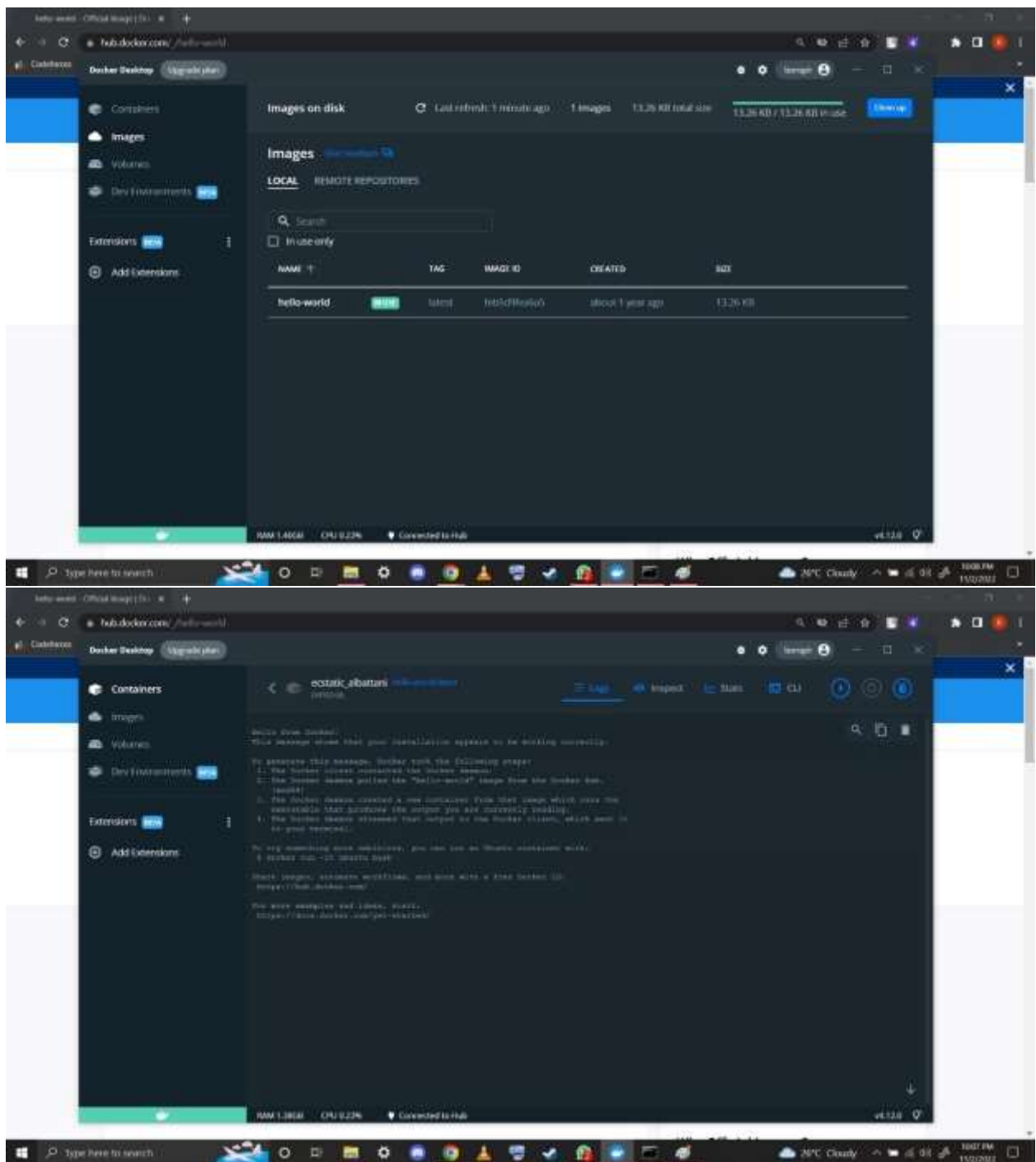
Team member: Bathri Narayan R

Team member: Dinesh R

Team member: Balaji R

1. Pull an Image from docker hub and run it in docker playground.





2. Create a docker file for the jobportal application and deploy it in Docker desktop application. Dockerfile:

FROM python:3.6

WORKDIR /app

ADD. /app

COPY requirements.txt /app

```
RUN python3 -m pip install -r requirements.txt
```

```
RUN python3 -m pip install ibm_db
```

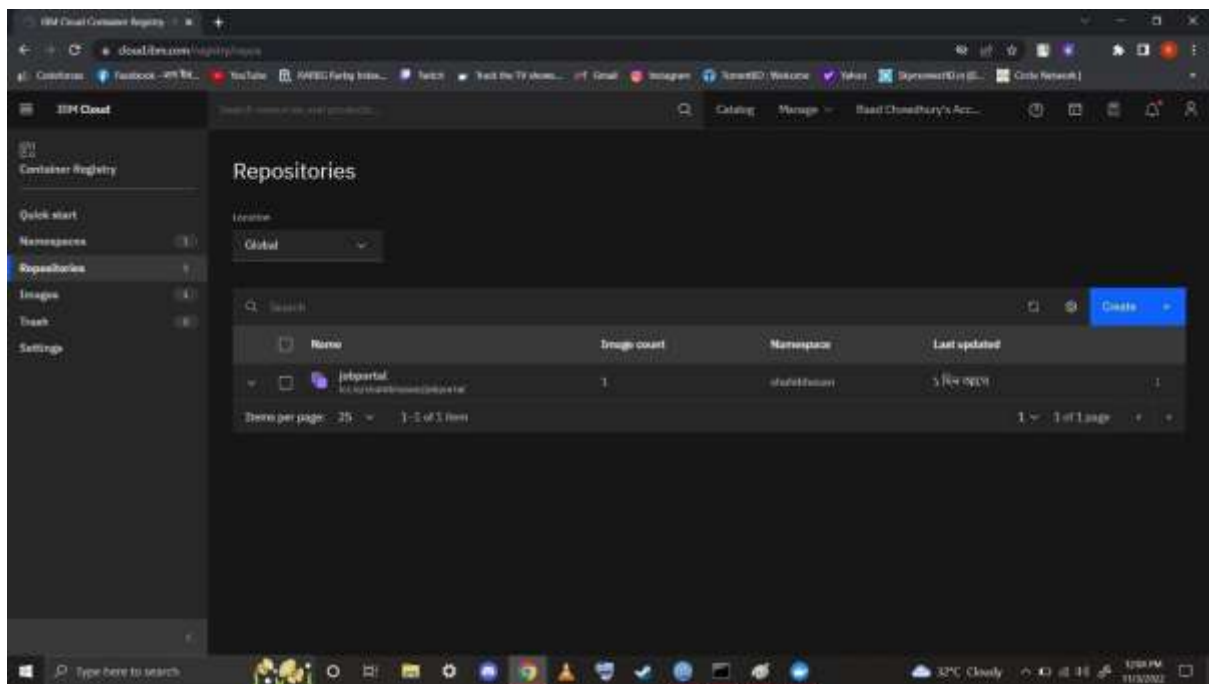
EXPOSE 5000

```
CMD ["python","app.py"]
```

[illegible]







4. Create a Kubernetes cluster in IBM cloud and deploy jobportal image and also expose the same app to run in nodeport.

