

## Assignment -4

### Docker and Kubernetes

Assignment Date	21 October 2022
Student Name	Hariprasanth R
Student Roll Number	622119105026
Maximum Marks	2 Marks

#### 1. Pull an image from docker hub and run it in docker Playground

The screenshot is divided into two main horizontal sections. The top section shows the Docker Hub repository page for `uifd/ui-for-docker`. The page includes the repository name, a star icon, and a note stating "This repo is deprecated. Development continues at: [portainer/portainer](#)". Below this, there are tabs for "Overview" and "Tags". The "Overview" tab is active, showing a description of the repository and a "Goals" section. To the right, there is a "Docker Pull Command" box containing the command `docker pull uifd/ui-for-docker`.

The bottom section shows the Docker Playground interface. On the left, there is a sidebar with a clock showing "03:42:30", a "CLOSE SESSION" button, and a list of instances. The main area displays the details of a specific instance named `cd9an2u3_cd9av060qau0008hbjs0`. It shows the IP address `192.168.0.13`, memory usage, CPU usage, and an SSH command to connect to the instance. Below this, there is a terminal window showing the execution of the `docker pull` command and the subsequent `docker run` command. The terminal output shows the image being pulled from Docker Hub and the container being started with the `uifd/ui-for-docker` image.

UI For Docker

Dashboard Containers Containers Network Images Networks Volumes Info Refresh

# UI For Docker

The UI for Docker container engine

Learn more.

Running Containers

- beautiful\_goldwasser Up About a minute

Status



Containers created

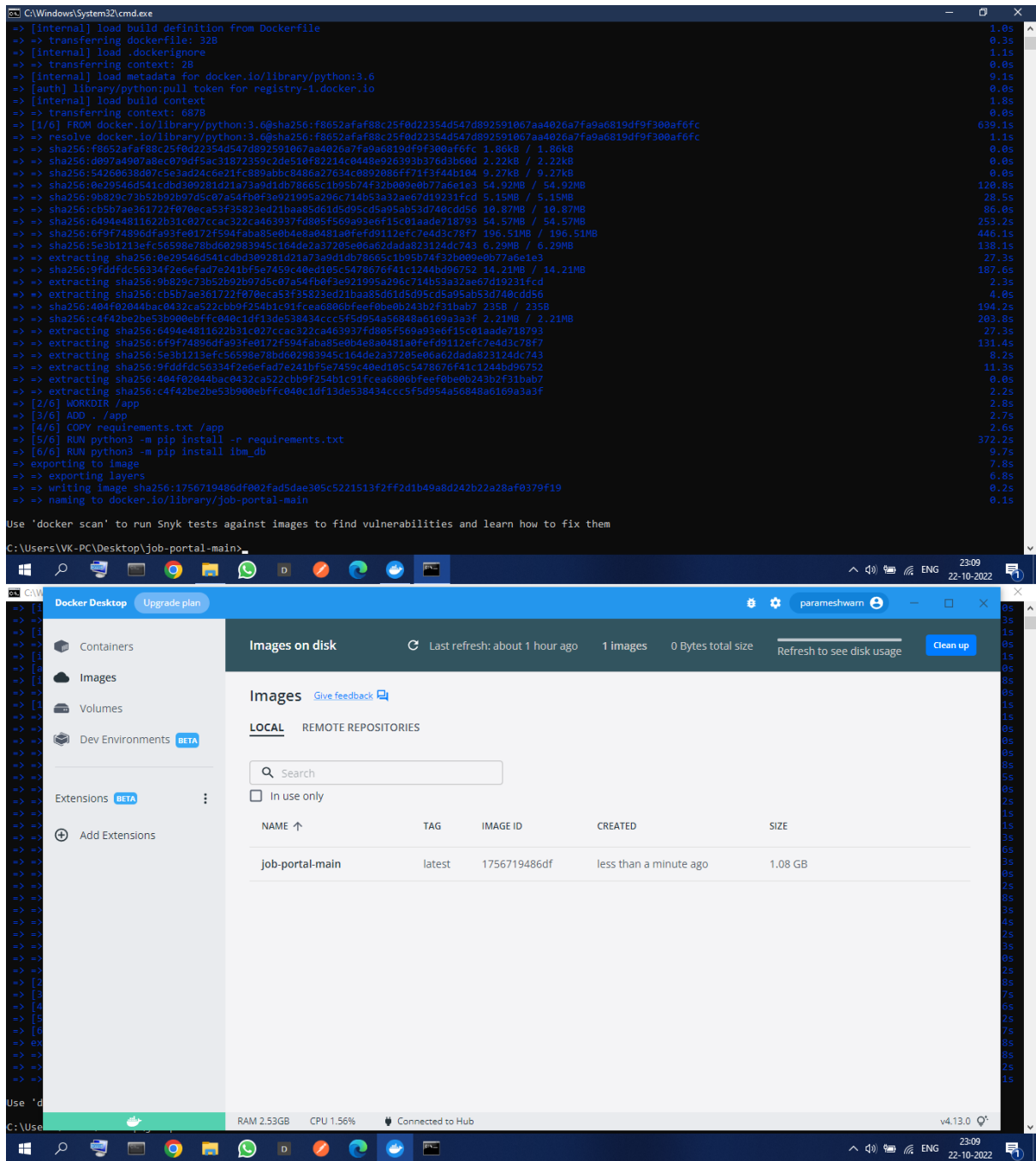


Images created



Running Stopped Ghost

2. Create a docker file for the job portal application and deploy it in Docker desktop application



### 3. Create a IBM container registry and deploy helloworld app