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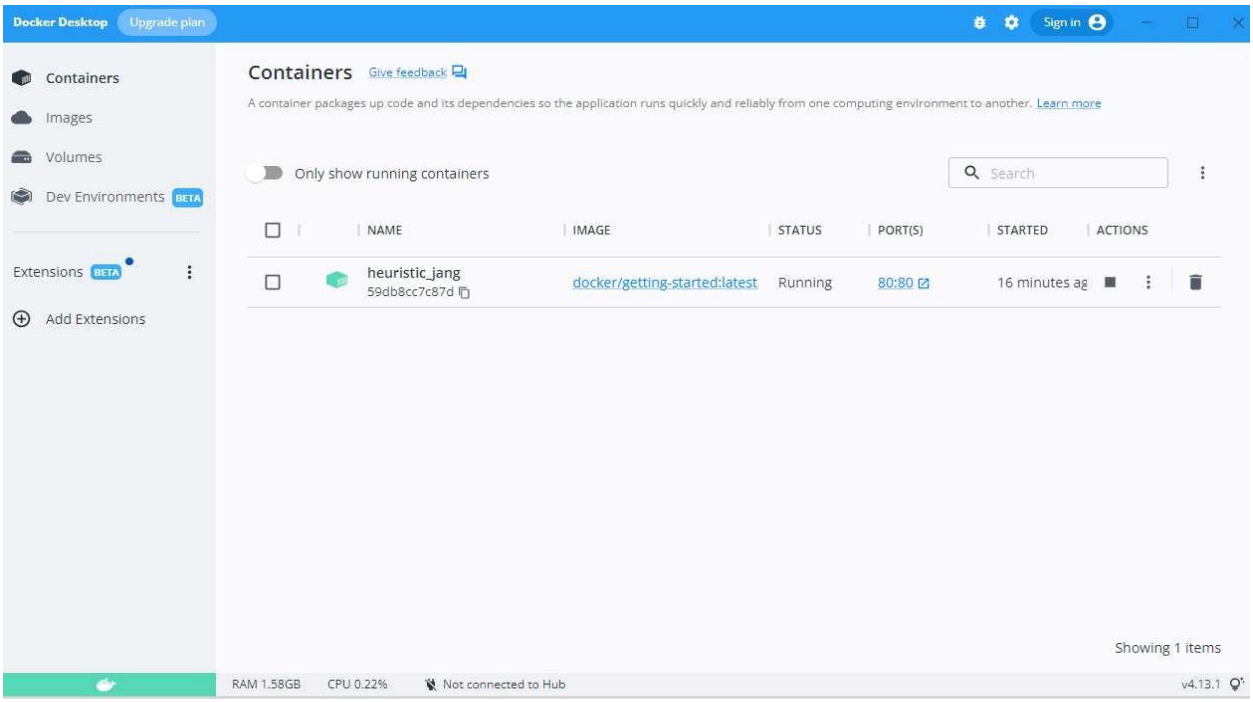
ASSIGNMENT 4

QUESTION :

Assignment Kubernetes / Docker

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.
3.Create a IBM container registry and deploy helloworld app or jobportalapp.
4.Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.



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Getting Started

The command you just ran

Congratulations! You have started the container for this tutorial! Let's first explain the command that you just ran. In case you forgot, here's the command:

```
docker run -d -p 80:80 docker/getting-started
```

You'll notice a few flags being used. Here's some more info on them:

- `-d` - run the container in detached mode (in the background)
- `-p 80:80` - map port 80 of the host to port 80 in the container
- `docker/getting-started` - the image to use

> **Pro tip**
>
> You can combine single character flags to shorten the full command. As an example, the command above could be written as:
>
> ```
> docker run -dp 80:80 docker/getting-started
> ```

The Docker Dashboard

Before going too far, we want to highlight the Docker Dashboard, which gives you a quick view of the containers running on your machine. It gives you quick access to container logs, lets you get a shell inside the container, and lets you easily manage container lifecycle (stop, remove, etc.).

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