

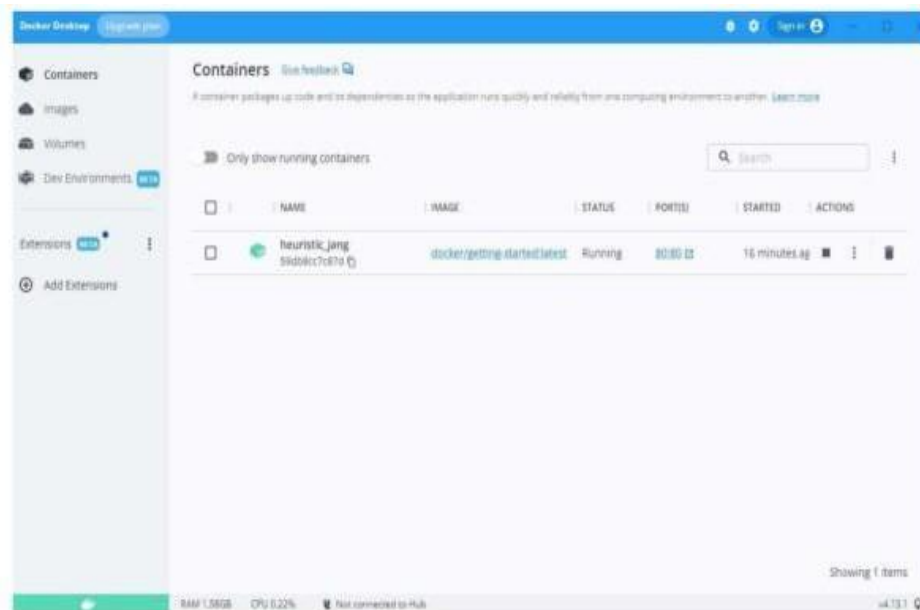
ASSIGNMENT 4

TEAM ID:PNT2022TMID27286

QUESTION:

AssignmentKubernetes/Docker

- 1.PullanImagefromdocker huband runitindocker playground.
- 2.CreateadockerfileforthejobportalapplicationanddeployitinDockerdesktopapplication.
- 3.Createa IBMcontainerregistryanddeployhelloworldapporjobportalapp.
- 4.CreateaKubernetescluster inIBMcloudanddeployhelloworldimageorjobportalimageandalsoexposethes ameapptoruni nnodeport.



Getting Started

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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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