

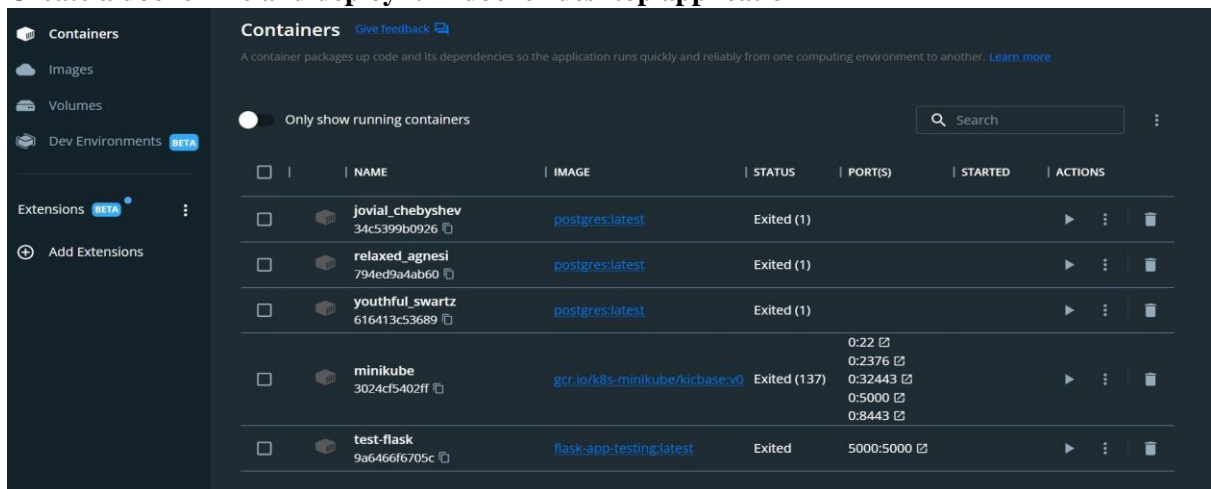
ASSIGNMENT – 4

1. Pulled an image from docker hub and ran it in console

```
Balajis19@DESKTOP-A86UORE MINGW64 ~/OneDrive/Desktop
$ docker pull postgres:14
14: Pulling from library/postgres
e9995326b091: Already exists
a0cb03f17886: Already exists
bb26f7e78134: Already exists
c8e073b7ae91: Already exists
99b5b1679915: Already exists
55c520fc03c5: Already exists
d0ac84d6672c: Already exists
4effb95d5849: Already exists
f1605d32a2b6: Pulling fs layer
45587aaa5f27: Pulling fs layer
27c45a07ef3f: Pulling fs layer
2b6113fb2a7b: Pulling fs layer
144293d36fee: Pulling fs layer
2b6113fb2a7b: Waiting
144293d36fee: Waiting
45587aaa5f27: Verifying Checksum
45587aaa5f27: Download complete
27c45a07ef3f: Download complete
2b6113fb2a7b: Download complete
144293d36fee: Verifying Checksum
144293d36fee: Download complete
f1605d32a2b6: Verifying Checksum
f1605d32a2b6: Download complete
f1605d32a2b6: Pull complete
45587aaa5f27: Pull complete
27c45a07ef3f: Pull complete
2b6113fb2a7b: Pull complete
144293d36fee: Pull complete
Digest: sha256:135c62a8134dcef829a1e4f5568bfae44bcfa2c75659ff948f43c71964366aa4
Status: Downloaded newer image for postgres:14
docker.io/library/postgres:14

Anvitha@DESKTOP-A86UORE MINGW64 ~/OneDrive/Desktop
```

2. Create a docker file and deploy it in docker desktop application



The screenshot shows the Docker Desktop application interface. On the left is a sidebar with navigation options: Containers (selected), Images, Volumes, Dev Environments, and Extensions. The main area is titled 'Containers' and includes a toggle for 'Only show running containers' and a search bar. Below this is a table listing several containers. The table has columns for NAME, IMAGE, STATUS, PORT(S), STARTED, and ACTIONS. The containers listed are: jovial_chebyshev (postgres:latest, Exited (1)), relaxed_agnesi (postgres:latest, Exited (1)), youthful_swartz (postgres:latest, Exited (1)), minikube (gcr.io/k8s-minikube/kicbase:v0, Exited (137)), and test-flask (flask-app-testing:latest, Exited).

	NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
<input type="checkbox"/>	jovial_chebyshev 34c5399b0926	postgres:latest	Exited (1)			
<input type="checkbox"/>	relaxed_agnesi 794ed9a4ab60	postgres:latest	Exited (1)			
<input type="checkbox"/>	youthful_swartz 616413c53689	postgres:latest	Exited (1)			
<input type="checkbox"/>	minikube 3024cf5402ff	gcr.io/k8s-minikube/kicbase:v0	Exited (137)	0:22 0:2376 0:32443 0:5000 0:8443		
<input type="checkbox"/>	test-flask 9a6466f6705c	flask-app-testing:latest	Exited	5000:5000		