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A screenshot of a Linux desktop environment. On the left is a vertical dock with icons for various applications: a terminal, a file manager, a web browser, a music player, a video player, a system monitor, a network manager, a power button, and a grid icon. The main window is a Google Chrome browser displaying the 'Fin App' homepage. The browser's address bar shows the URL '127.0.0.1' and the page title 'FinApp Home'. The page content includes the heading 'Fin App' and the text 'Welcome to the fin app'. Below this, there is a link labeled 'Login' and a button labeled 'Register'. The desktop background is a solid light blue color.

```

zenik@zenik-VirtualBox: ~/Downloads/heyo
zenik@zenik-VirtualBox:~/Downloads/heyo$ docker run -it -p 5000:5000 heyo python3 app.py
* Serving Flask app 'app' (lazy loading)
* Environment: production
* Use a production web server instead.
* Debug mode: on
* Running on http://172.17.0.1:5000/ (Press CTRL+C to quit)
* Restarting with stat
* Debugger is active!
* Debugger PIN: 632-538-354

zenik@zenik-VirtualBox:~/Downloads/heyo$ sudo apt-get install docker.io
Skipping profile in /etc/apparmor.d/disable: usr.sbin.rsyslogd
Removing 'docker-default'

zenik@zenik-VirtualBox:~/Downloads/heyo$ docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS   NAMES
zenik@zenik-VirtualBox:~/Downloads/heyo$ docker images
REPOSITORY    TAG        IMAGE ID      CREATED      SIZE
<none>        <none>     2b3032e72c1   7 minutes ago  982MB
heyo          latest     49281b099a48   3 hours ago   1.08GB
<none>        <none>     81c93c5d0287   4 hours ago   1.08GB
<none>        <none>     4d73620b345   4 hours ago   982MB
python        3.6        542663bd07c   10 months ago  982MB

zenik@zenik-VirtualBox:~/Downloads/heyo$ docker run -it -p 5000:5000 heyo python3 app.py
* Serving Flask app 'app' (lazy loading)
* Environment: production
* Use a production web server instead.
* Debug mode: on
* Running on all addresses.
* WARNING: This is a development server. Do not use it in a production deployment.
* Running on http://172.17.0.1:5000/ (Press CTRL+C to quit)
* Restarting with stat
* Debugger is active!
* Debugger PIN: 632-538-354
172.17.0.1 - - [09/Nov/2022 10:39:52] "GET / HTTP/1.1" 200 -
172.17.0.1 - - [09/Nov/2022 10:39:53] "GET /favicon.ico HTTP/1.1" 404 -

```

3.Create a IBM container registry and deploy helloworld app or jobportalapp.

```

zenik@zenik-VirtualBox:~/Downloads/heyo$ docker push us.icr.io/zenikfnapp/heyo:latest
The push refers to repository [us.icr.io/zenikfnapp/heyo]
2f3d487d1e18: Layer already exists
29d61da65b0: Pushing [-----] 26.68MB/176.2MB
5e24b0ee1d0: Pushed
29d61da65b0: Pushed
a4c408c19f6: Layer already exists
8ba9f0b0ba: Layer already exists
3e097d59e9f9: Layer already exists
1e18e7ef1cc2: Pushing [-----] 19.04MB
c3a0593d2d4: Retrying in 2 seconds
26a54e63be4: Retrying in 3 seconds
c3a0593d2d4: Pushing [---] 23.08MB/228.4MB
26a54e63be4: Pushing [---] 8.759MB/151.9MB
31892cc314c3: Pushing [-----]
31892cc314c3: Pushing [-----] 5.936MB/10.68MB
11936951f939: Waiting
error parsing HTTP 406 response body: Unvalid character 's' looking for beginning of value: 'stream timeout'
zenik@zenik-VirtualBox:~/Downloads/heyo$ docker push us.icr.io/zenikfnapp/heyo:latest
The push refers to repository [us.icr.io/zenikfnapp/heyo]
2f3d487d1e18: Pushed
29d61da65b0: Pushing [-----] 17.21MB/176.2MB
5e24b0ee1d0: Layer already exists
5e24b0ee1d0: Pushed
27f6d0ab454: Layer already exists
a4c408c19f6: Pushed
8ba9f0b0ba: Layer already exists
3e097d59e9f9: Layer already exists
1e18e7ef1cc2: Pushing [-----] 19.04MB

zenik@zenik-VirtualBox:~/Downloads/heyo$ docker push us.icr.io/zenikfnapp/heyo:latest
The push refers to repository [us.icr.io/zenikfnapp/heyo]
2f3d487d1e18: Layer already exists
29d61da65b0: Pushing [-----] 30.18MB/176.2MB
5e24b0ee1d0: Layer already exists
5e24b0ee1d0: Pushed
27f6d0ab454: Pushed
a4c408c19f6: Pushing [-----] 7.197MB/8.054MB
8ba9f0b0ba: Layer already exists
3e097d59e9f9: Layer already exists
1e18e7ef1cc2: Pushing [-----] 19.04MB

```



