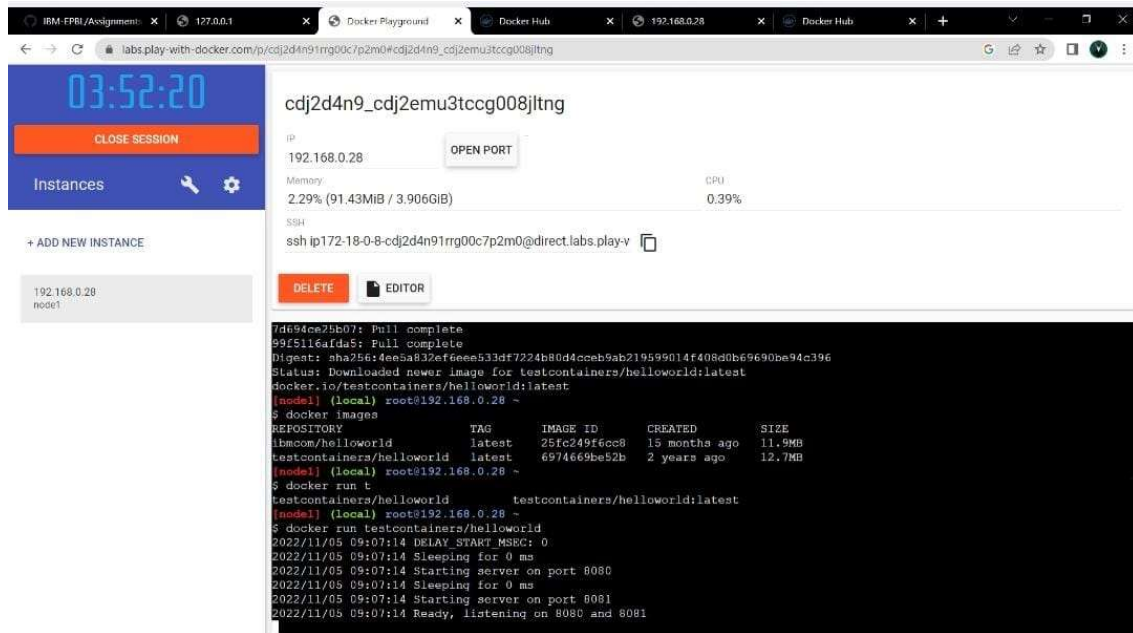


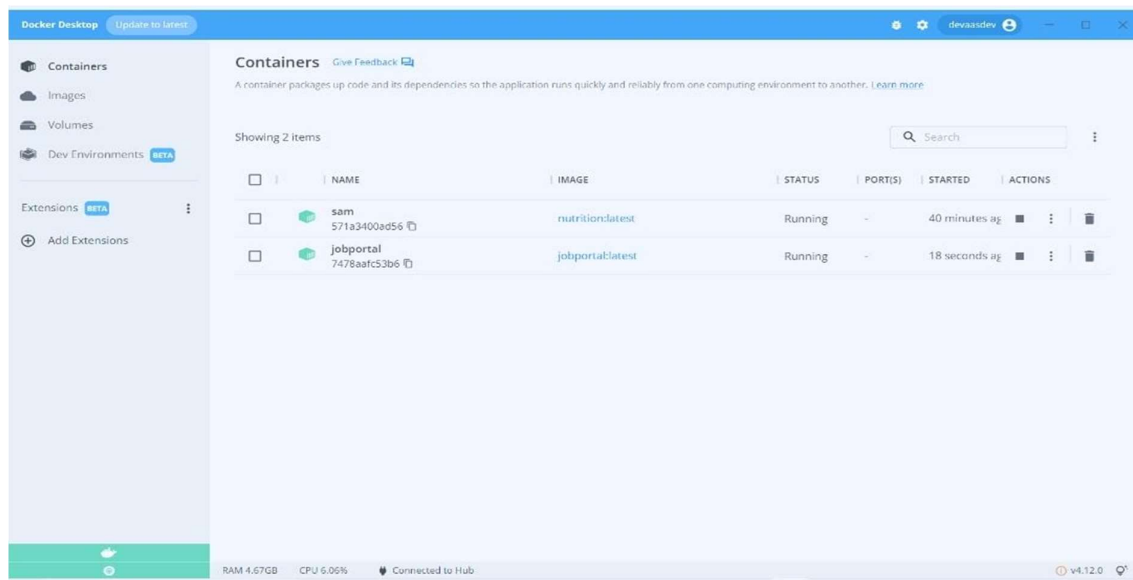
## 1. Pull an image from docker hub and run it in docker playground.



The screenshot shows the Docker Playground interface. On the left, there's a sidebar with a clock showing 03:52:20, a 'CLOSE SESSION' button, and an 'Instances' section. Below 'Instances', there's a '+ ADD NEW INSTANCE' button and a list of instances, including one named '192.168.0.28' with 'node1' as the identifier. The main panel displays details for a container named 'cdj2d4n9\_cdj2emu3tccg008jltng'. It shows the IP address '192.168.0.28', memory usage '2.29% (91.43MiB / 3.906GiB)', and CPU usage '0.39%'. There's an 'OPEN PORT' button and an SSH command: 'ssh ip172-18-0-8-cdj2d4n91rrg00c7p2m0@direct.labs.play-v'. Below this, there are 'DELETE' and 'EDITOR' buttons. The bottom section is a terminal window showing the following commands and output:

```
fd694ae2bb07: Pull complete
99f5116afda5: Pull complete
Digest: sha256:4e5a832ef6ee533df7224b80d4cceb9ab219599014f408d0b69690be94c396
Status: Downloaded newer image for testcontainers/helloworld:latest
docker.io/testcontainers/helloworld:latest
(node1) (local) root@192.168.0.28 ~
$ docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
ibmcom/helloworld   latest             25fc249f6cc8       15 months ago      11.9MB
testcontainers/helloworld latest           6974669be52b       2 years ago        12.7MB
(node1) (local) root@192.168.0.28 ~
$ docker run t
testcontainers/helloworld   testcontainers/helloworld:latest
(node1) (local) root@192.168.0.28 ~
$ docker run testcontainers/helloworld
2022/11/05 09:07:14 DELAY_START_MSEC: 0
2022/11/05 09:07:14 Sleeping for 0 ms
2022/11/05 09:07:14 Starting server on port 8080
2022/11/05 09:07:14 Sleeping for 0 ms
2022/11/05 09:07:14 Starting server on port 8081
2022/11/05 09:07:14 Ready, listening on 8080 and 8081
```

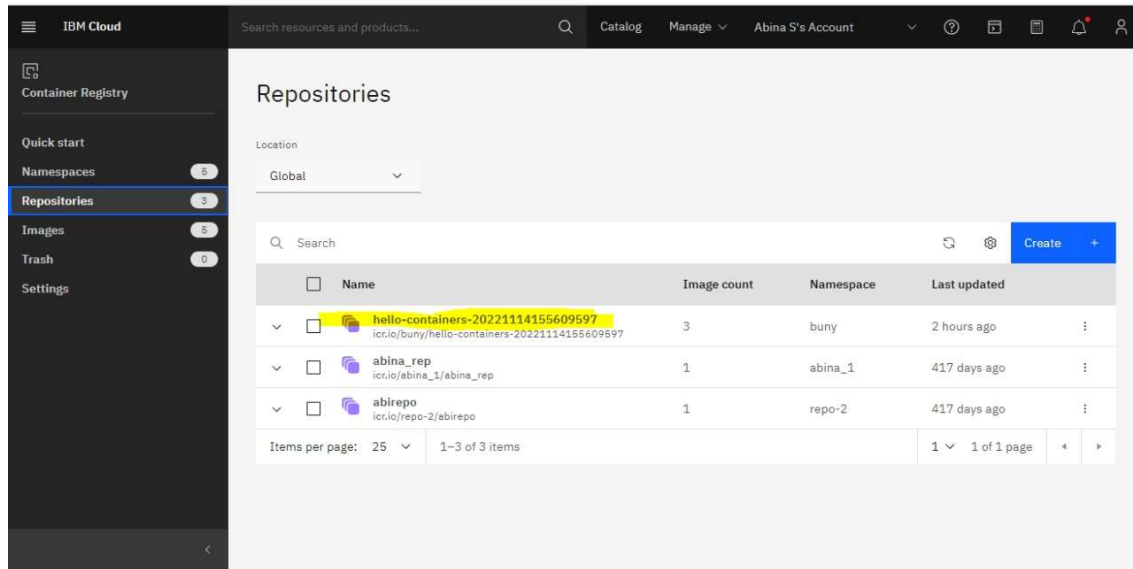
## 2. Create a docker file for the job portal application and deploy it in docker desktop application



The screenshot shows the Docker Desktop interface. On the left, there's a sidebar with 'Containers', 'Images', 'Volumes', and 'Dev Environments'. The 'Containers' section is selected, showing a list of running containers. The main panel displays the 'Containers' section with a search bar and a table of running containers.

	NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
<input type="checkbox"/>	sam 571a3400ad56	nutritionlatest	Running	-	40 minutes ago	
<input type="checkbox"/>	jobportal 7478aafc53b6	jobportal:latest	Running	-	18 seconds ago	

At the bottom, there's a status bar showing 'RAM 4.67GB', 'CPU 5.06%', 'Connected to Hub', and 'v4.12.0'.



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

