

ASSIGNMENT- 4

Assignment Date	14 November 2022
Student Name	Sangeetha K
Student Register No	731719104021
Maximum Marks	2 Marks

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

The screenshot displays the Docker Playground interface in a web browser. The top navigation bar includes tabs for 'sangeetha2002/helloapp Tags', 'Docker Playground', and the container's IP address 'ip172-18-0-20-cdn0isn91rrg009jdsu0'. The main content area shows the container details for 'cdn0isn9_cdn0j5m0qau000dq1mag'. The IP address is 192.168.0.28, and the port 5000 is open. The container's memory usage is 28.75% (1.123GiB / 3.906GiB) and CPU usage is 1.04%. The SSH command is 'ssh ip172-18-0-20-cdn0isn91rrg009jdsu0@direct.labs.play-v'. The container's status is 'Running', and it is serving a Flask app 'app' on port 5000. The terminal output shows the container's startup logs, including the Docker command used to run the container and the Flask app's output.

```
Digest: sha256:42c62913f44f9bef774c4e8afa04cd8ac773d9e32516b6c8e78fc28f0b319a02
Status: Downloaded newer image for sangeetha2002/helloapp:latest
docker.io/sangeetha2002/helloapp:latest
(node1) (local) root@192.168.0.28 ~
$ docker container run -p 5000:5000 sangeetha2002/helloapp
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://172.17.0.2:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 746-597-425
172.18.0.1 - - [11/Nov/2022 08:39:12] "GET / HTTP/1.1" 200 -
172.18.0.1 - - [11/Nov/2022 08:39:14] "GET /favicon.ico HTTP/1.1" 404 -
```

