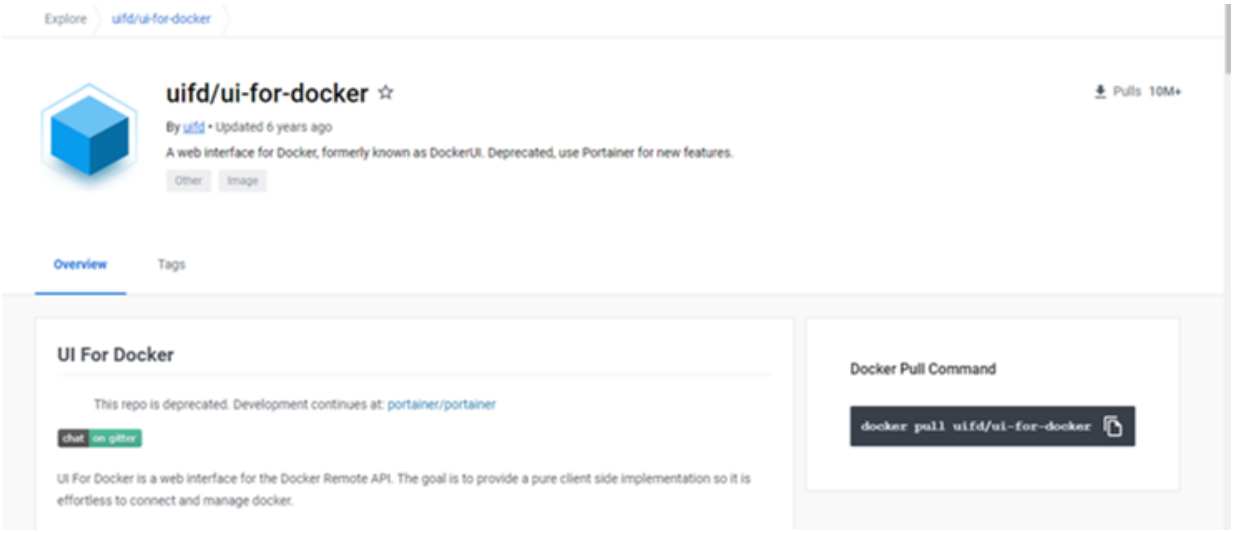
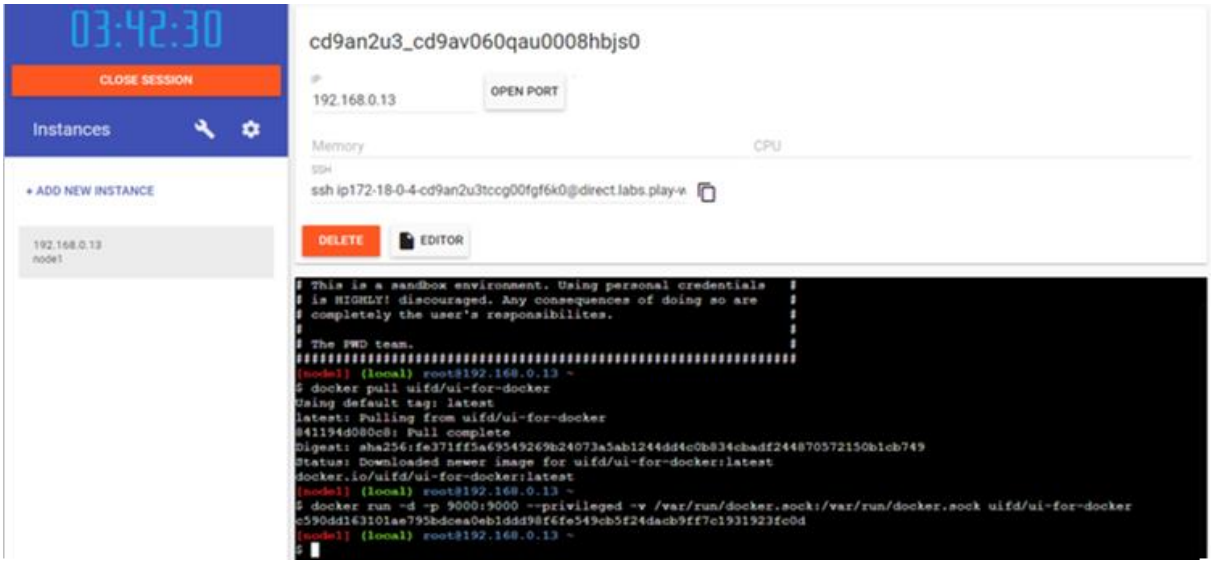
Assignment-4

Docker and Kubernetes

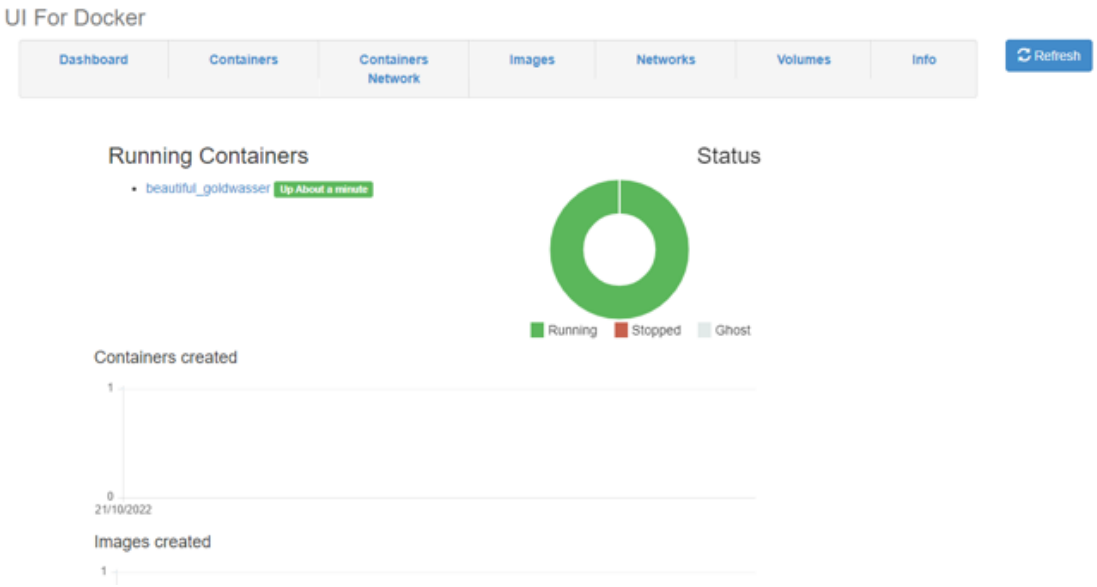
Assignment Date	5 November 2022
Student Name	Indhuja
Student Roll Number	910619106023
Maximum Marks	2 Marks

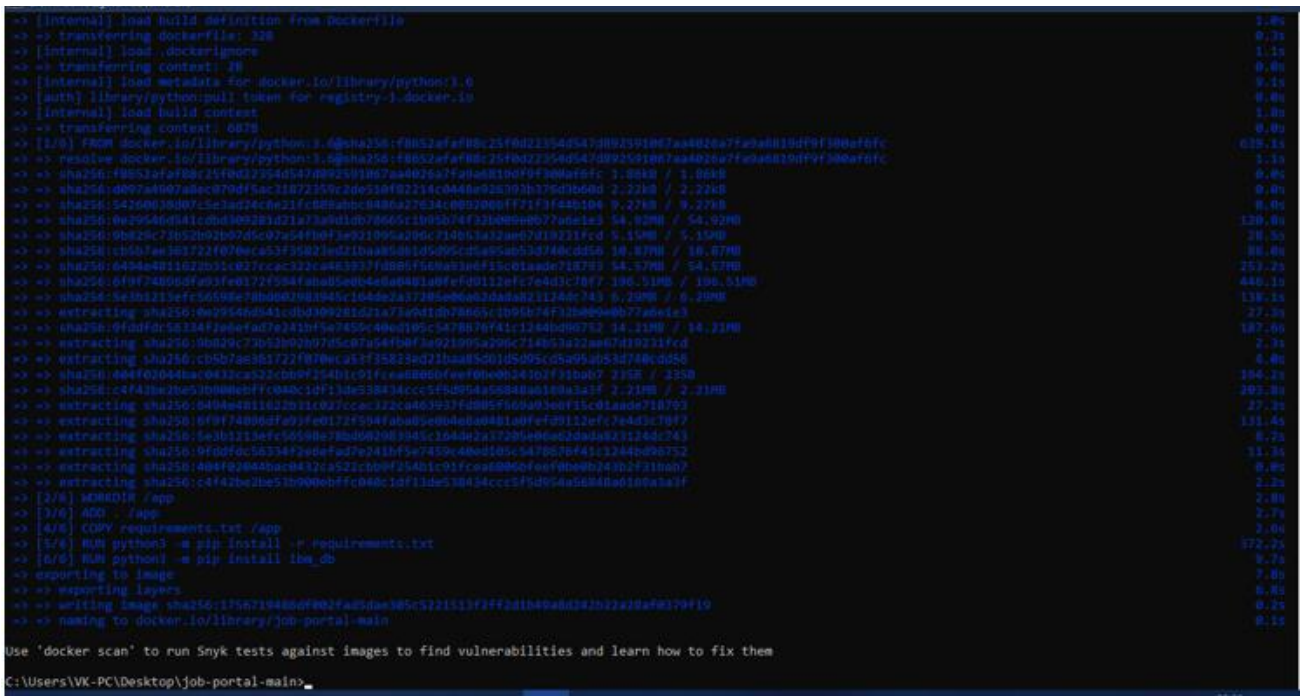
Pull an image from docker hub and run it in docker Playground





UI For Docker




=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 328
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load metadata for docker.io/library/python:3.6
=> [auth] library/python:pull token for registry-1.docker.io
=> [internal] load build context
=> => transferring context: 687B
=> [1/6] FROM docker.io/library/python:3.6@sha256:f8652afaf8dc25f0d22354d547d8925910d7aa4026a7fa9a6819df9f300af6fc
=> => resolve docker.io/library/python:3.6@sha256:f8652afaf8dc25f0d22354d547d8925910d7aa4026a7fa9a6819df9f300af6fc
=> => sha256:f8652afaf8dc25f0d22354d547d8925910d7aa4026a7fa9a6819df9f300af6fc 1.86kB / 1.86kB
=> => sha256:0097a4907a8ec870df5ac31072159c2de510f02114c0448e028393b375d3b60d 2.22kB / 2.22kB
=> => sha256:54260538007c5e3ad24c6e21fc888abbc0486a27634c0893d0bff21f3f445b04 9.27kB / 9.27kB
=> => sha256:0e29546d641cd0d3093281d21a73a9d1db78665c1b05b74f33b0800e0b77a6e1e3 54.92MB / 54.92MB
=> => sha256:9b829c73b52b92b97d5c07a54fb0f3e921005a206c714b53a32ae67d19231fcd 5.15MB / 5.15MB
=> => sha256:cb5b7ae303722f070e6ca53f35021ed21baa85d61d5d05cd5a95ab53d740cdd56 10.87MB / 10.87MB
=> => sha256:0494e4811622b91c027ccac322ca483337fd805f56ba83e6f15c01aade718703 54.57MB / 54.57MB
=> => sha256:6f0f74806dfa93fe0172f594faba05e0b4e8a0481a0fefd9112efc7e4d3c78f7 196.51MB / 196.51MB
=> => sha256:5e3b1213efc56598e78bd0020839345c1644e2a37205e06a62da6a8231246dc743 6.29MB / 6.29MB
=> => extracting sha256:0e29546d641cd0d3093281d21a73a9d1db78665c1b05b74f33b0800e0b77a6e1e3
=> => sha256:9fddfdc56334f2e6efad7e2411bf5e7455c40ed105c54788f6f41c1244bd96752 14.21MB / 14.21MB
=> => extracting sha256:9b829c73b52b92b97d5c07a54fb0f3e921005a206c714b53a32ae67d19231fcd
=> => extracting sha256:cb5b7ae303722f070e6ca53f35021ed21baa85d61d5d05cd5a95ab53d740cdd56
=> => sha256:404f02044bac0432ca522cbb0f254b1c91fcea68060feef0b60b2413b2f31bab7 235B / 235B
=> => sha256:c4f42be2be53b000ebffc040c1df13de538434ccc5f5d054a56848a0180a3a3f 2.21MB / 2.21MB
=> => extracting sha256:0494e4811622b91c027ccac322ca483937fd805f569a83e0f15c01aade718703
=> => extracting sha256:6f0f74806dfa93fe0172f594faba05e0b4e8a0481a0fefd9112efc7e4d3c78f7
=> => extracting sha256:5e3b1213efc56598e78bd0020839345c1644e2a37205e06a62da6a8231246dc743
=> => extracting sha256:9fddfdc56334f2e6efad7e2411bf5e7455c40ed105c54788f6f41c1244bd96752
=> => extracting sha256:404f02044bac0432ca522cbb0f254b1c91fcea68060feef0b60b2413b2f31bab7
=> => extracting sha256:c4f42be2be53b000ebffc040c1df13de538434ccc5f5d054a56848a0180a3a3f
=> [2/6] WORKDIR /app
=> [3/6] ADD . /app
=> [4/6] COPY requirements.txt /app
=> [5/6] RUN python3 -m pip install -r requirements.txt
=> [6/6] RUN python3 -m pip install ibm_db
=> exporting to image
=> => exporting layers
=> => writing image sha256:175671940b0f002fad5dae305c5221513f2ff2d1b494b82d2b22a20af0379f19
=> => naming to docker.io/library/job-portal-main
Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
C:\Users\VK-PC\Desktop\job-portal-main>

create a docker file for the job portal application and deploy it in Docker desktop application