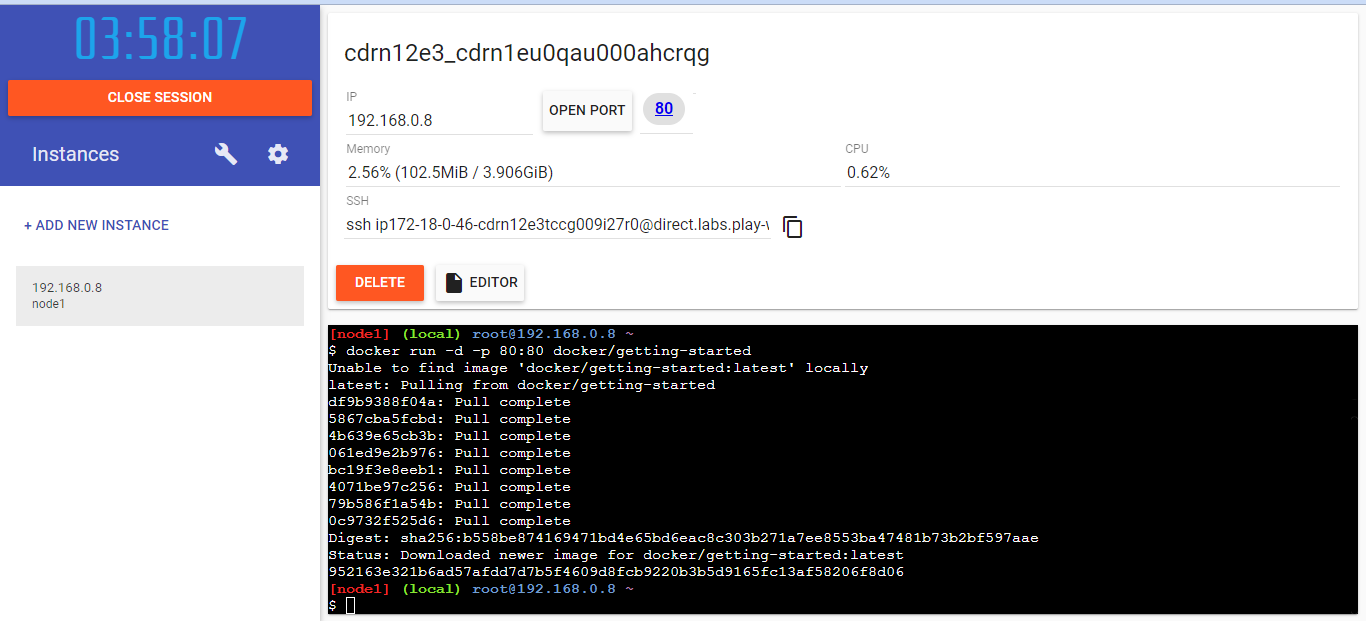
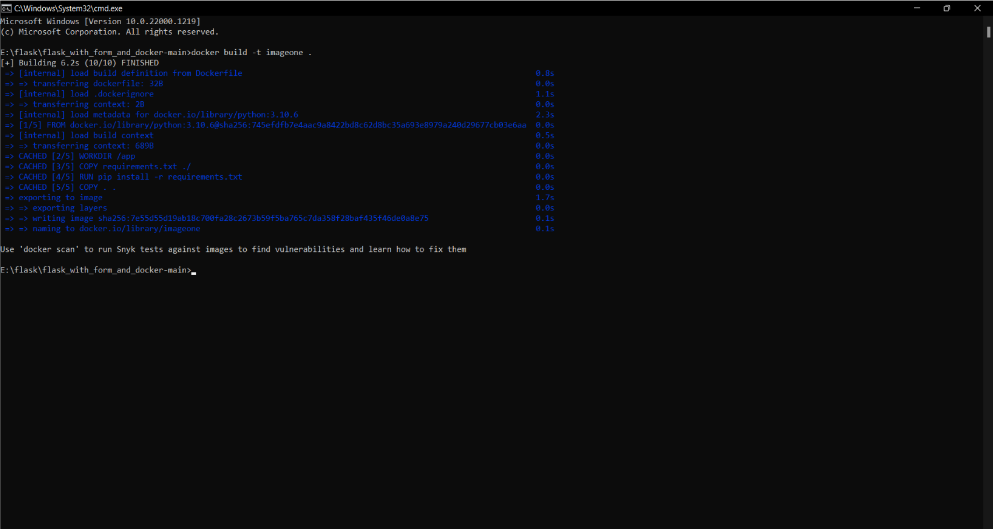
**Assignment - 4**

|  |  |
| --- | --- |
| Assignment Date | 9 September 2022 |
| Student Name | S.Krishnaraj |
| Student Roll Number | 111519205024 |
| Maximum Marks | 2 Marks |

**Question 1:**

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





**Question 2:**

Create a docker file for the jobportal application and deploy it in Docker desktop application.

DOCKERFILE:

Graphical user interface, application

Description automatically generated with medium confidence

DEPLOYMENT OF JOBPORTAL APPLICATION:

Graphical user interface, text, application, email

Description automatically generated

OUTPUT:

Graphical user interface, text, application, email

Description automatically generated

**Question 3:**

Create a IBM container registry and deploy helloworld app or jobportapp.

IBM CONTAINER REGISTRY DEPLOYMENT:

Graphical user interface, text, application, email

Description automatically generated

OUTPUT:

Graphical user interface, application, Word

Description automatically generated

Question 4:

Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.

Creating kubernetes cluster in IBM cloud and exposing nodeport:

Graphical user interface, text, application, email, website

Description automatically generated

Output:

Graphical user interface, text

Description automatically generated