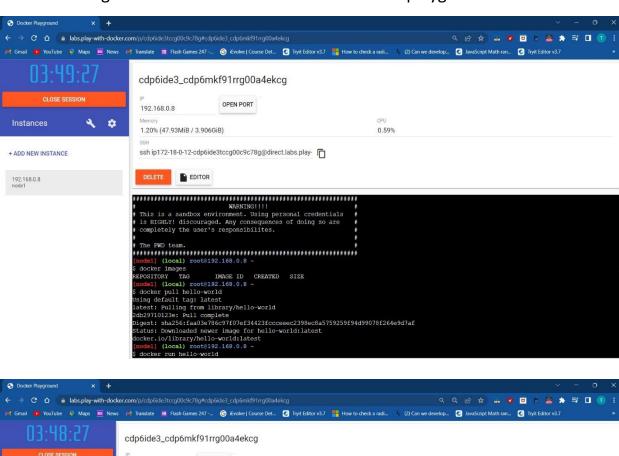
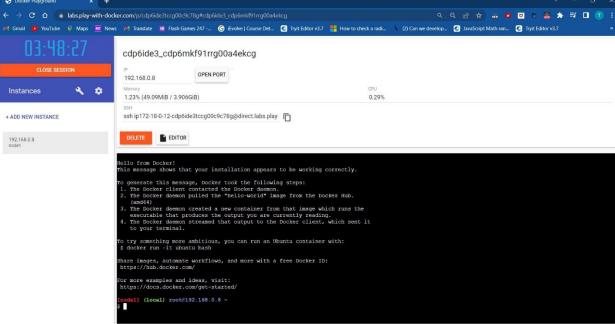
Assignment – 4

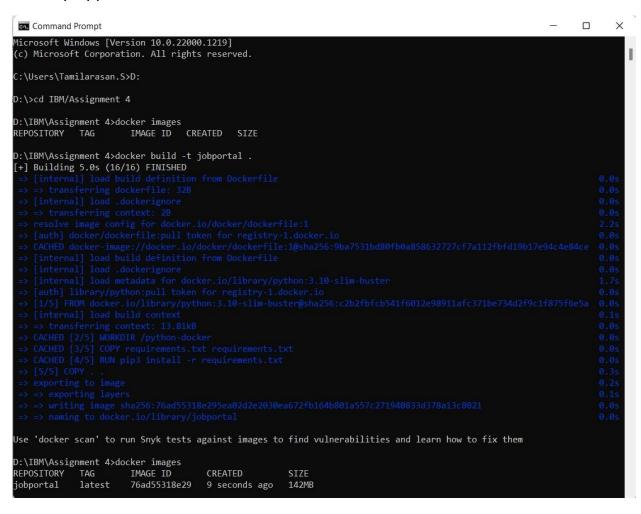
Assignment Date	02.11.2022
Student Name	Sharmila M
Student Roll no	2116191001088
Maximum Marks	2 Marks

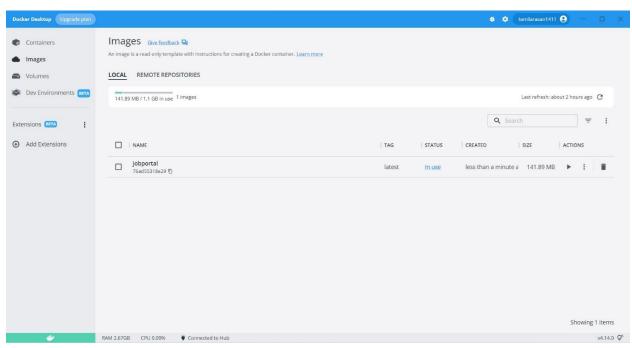
1. Pull an Image from docker hub and run it in docker playground.

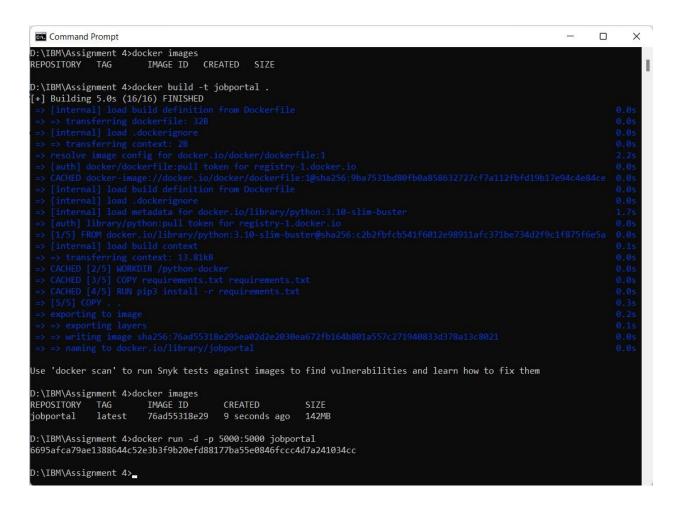


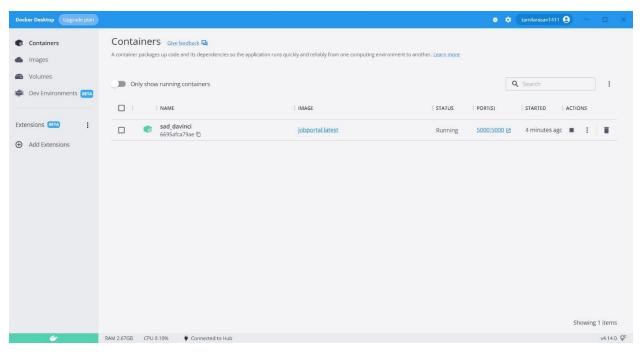


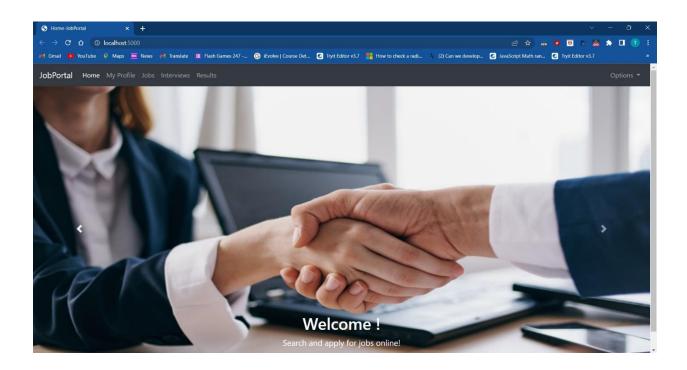
2. Create a docker file for the jobportal application and deploy it in Docker desktop application.





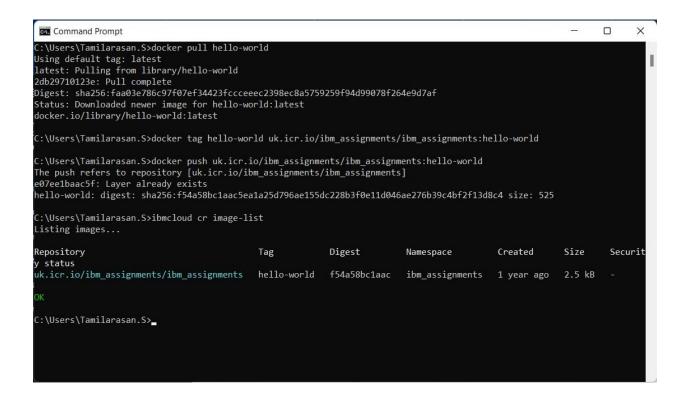


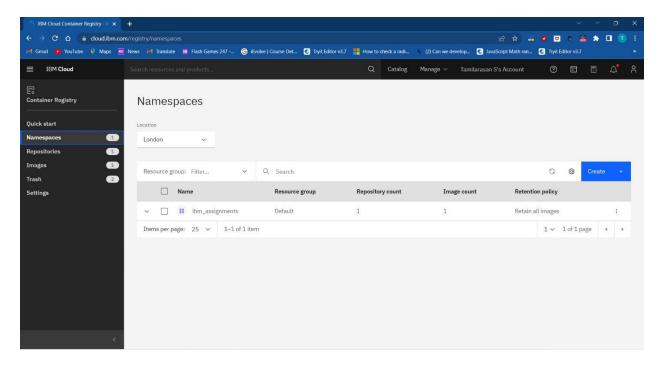


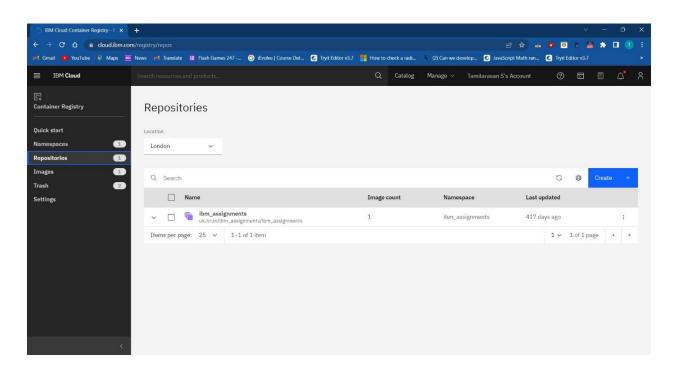


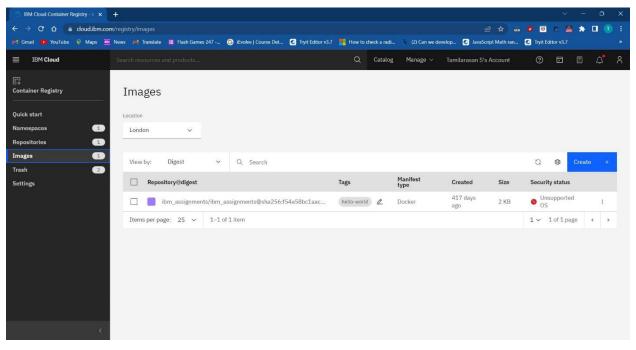
3. Create a IBM container registry and deploy helloworld app or jobportalapp.

```
×
 Command Prompt
                                                                                                                                        Microsoft Windows [Version 10.0.22000.1219]
(c) Microsoft Corporation. All rights reserved.
C:\Users\Tamilarasan.S>ibmcloud login
API endpoint: https://cloud.ibm.com
Region: eu-gb
Email> tamilthiru1428@gmail.com
Password>
Authenticating...
Targeted account Tamilarasan S's Account (1abfc63c80374666a7deffe6381bac63)
API endpoint:
                       https://cloud.ibm.com
Region:
                       eu-gb
User:
                       tamilthiru1428@gmail.com
                      Tamilarasan S's Account (labfc63c80374666a7deffe6381bac63)
No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
Account:
Resource group:
CF API endpoint:
Org:
Space:
C:\Users\Tamilarasan.S>ibmcloud cr login
Logging 'docker' in to 'uk.icr.io'...
Logged in to 'uk.icr.io'.
```









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.

