Assignment -4

| Assignment Date | 19 November 2022 | | |
|---------------------|------------------|--|--|
| Student Name | R.A.Abinaya | | |
| Student Roll Number | 960319205001 | | |
| Team ID | PNT2022TMID51358 | | |
| Maximum Marks | 2 Marks | | |

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

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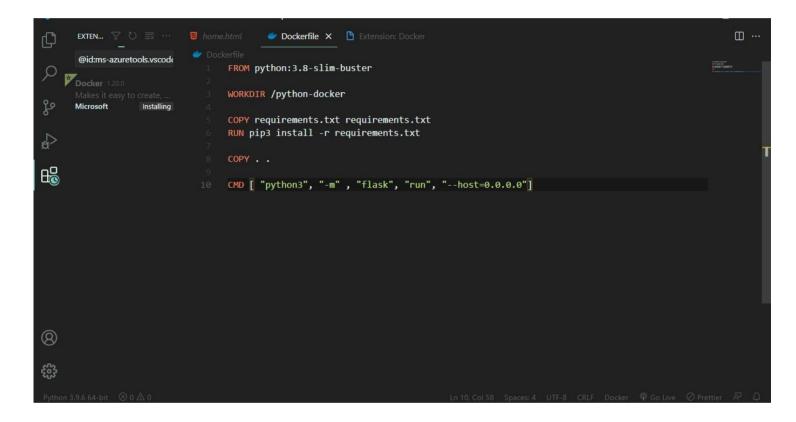




2. Create a docker file for the jobportal application and deploy it in Docker desktop application.

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Dockerfile

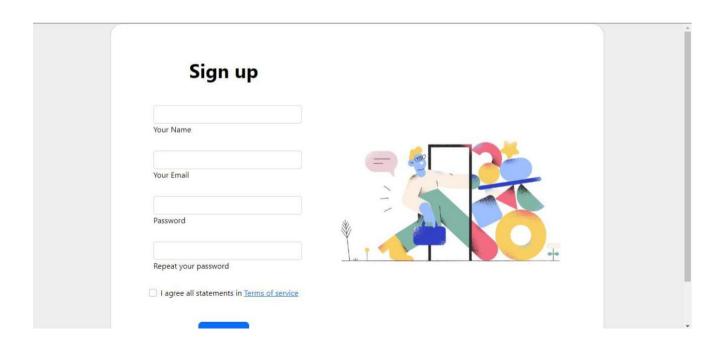


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3. Create a IBM container registry and deploy helloworld app or jobportalapp.

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C:\Users\Rakesh\Downloads\flask_hello_docker-master\flask_hello_docker-master>ibmcloud cr region-set global
The region is set to 'global', the registry is 'icr.io'.

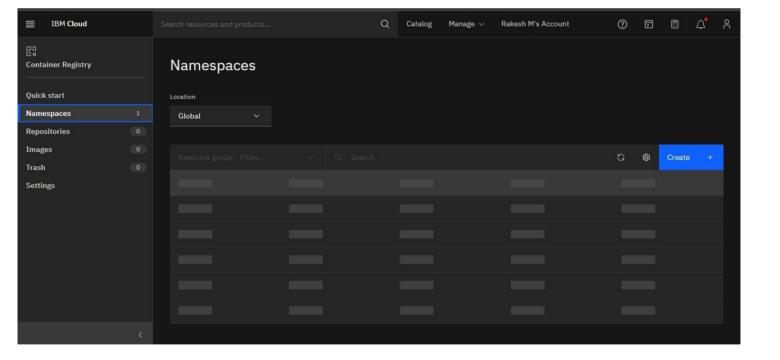
C:\Users\Rakesh\Downloads\flask_hello_docker-master\flask_hello_docker-master>ibmcloud cr login logging 'docker' in to 'icr.io'...
logged in to 'icr.io'...
logged in to 'icr.io'...

C:\Users\Rakesh\Downloads\flask_hello_docker-master\flask_hello_docker-master>ibmcloud cr login logging 'docker' in to 'icr.io'...
logged in to 'icr.io'...

C:\Users\Rakesh\Downloads\flask_hello_docker-master\flask_hello_docker-master>ibmcloud cr login logging 'docker' in to 'icr.io'...

C:\Users\Rakesh\Downloads\flask_hello_docker-master\flask_hello_docker-master>ibmcloud cr login logging 'docker' in to 'icr.io'...

C:\Users\Rakesh\Downloads\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\flask_hello_docker-master\fla
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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.

