ASSIGNMENT-4

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| **Assignment Date** | **05 November 2022** |
| **Student Name** | **Arvinth S** |
| **Student Roll No** | **1901022** |
| **Maximum Marks** | **2Marks** |

**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.

FROM helloworld:latest WORKDIR ~/Desktop/ ADD . helloworld/

WORKDIR ~/Desktop/htmlfile RUN pip install -r requirements RUN chmod +x app.sh

CMD ["/bin/sh","app.sh"]

**Question 3:**

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

**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.

