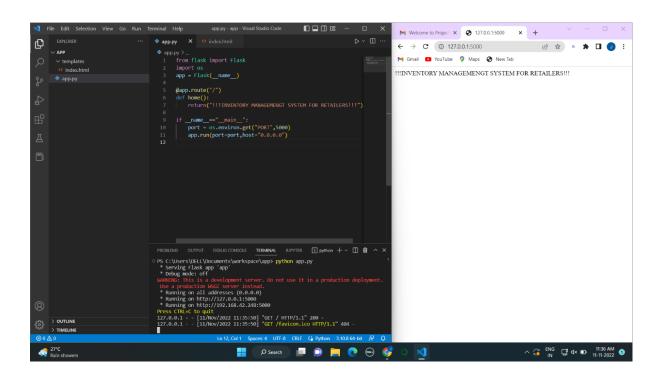
ASSIGNMENT – 4 DOCKER & KUBERNETES

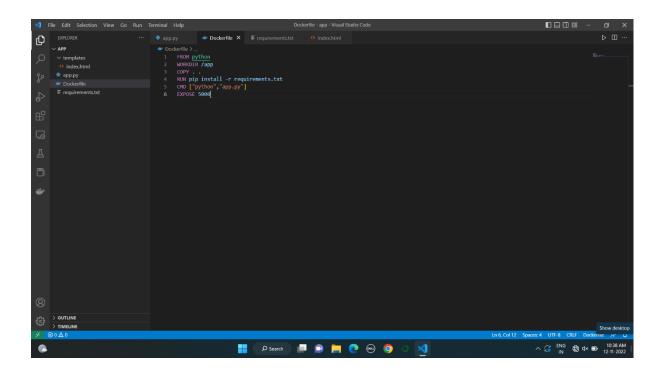
| Student Name | Vignesh M |
|---------------------|--------------|
| Student Roll Number | 731719205023 |
| Maximum Marks | 2 Marks |

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

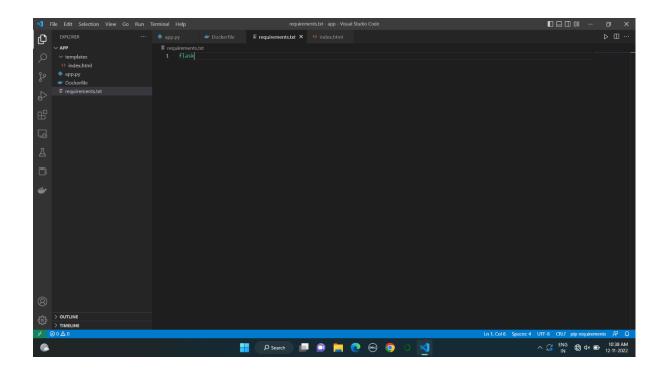
app.py



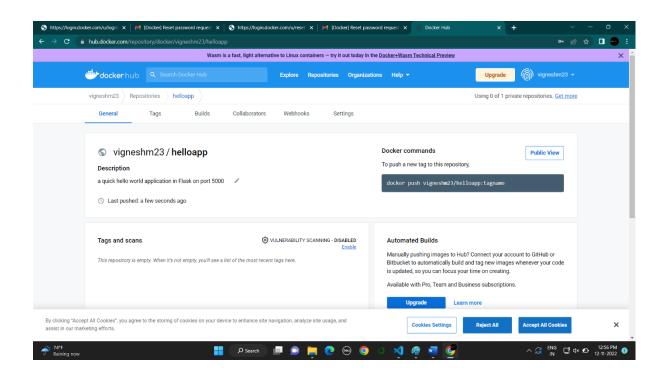
Dockerfile

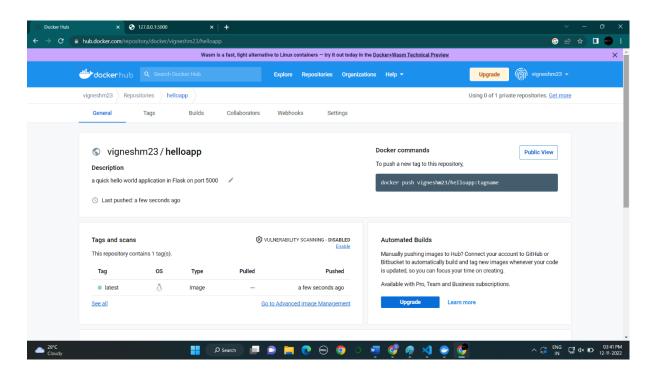


Requirements.txt

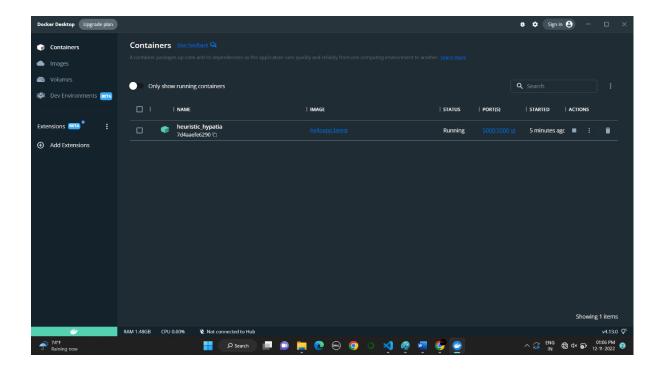


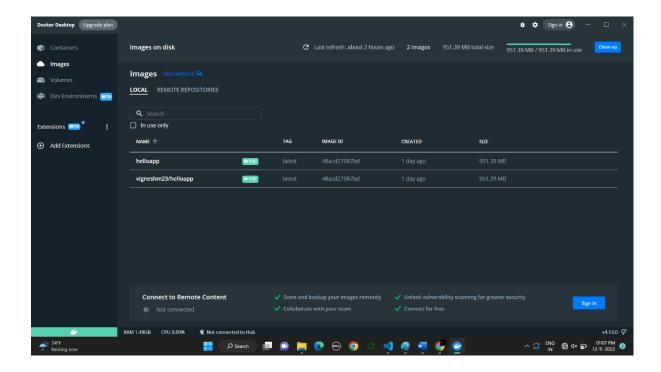
Docker hub

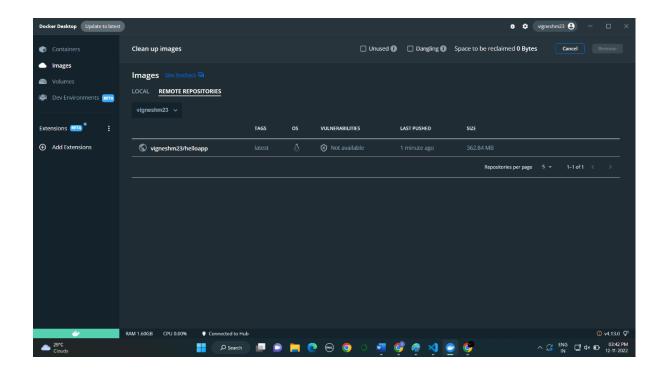




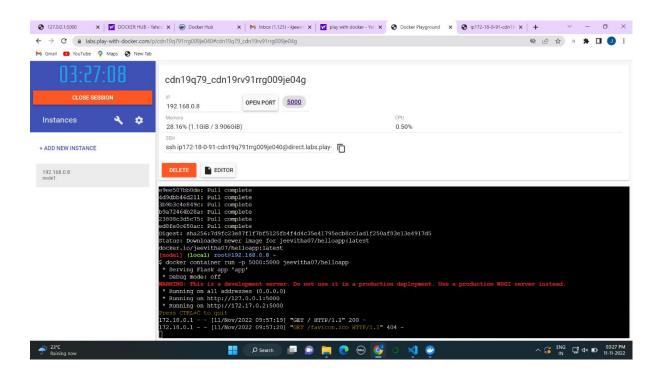
Docker

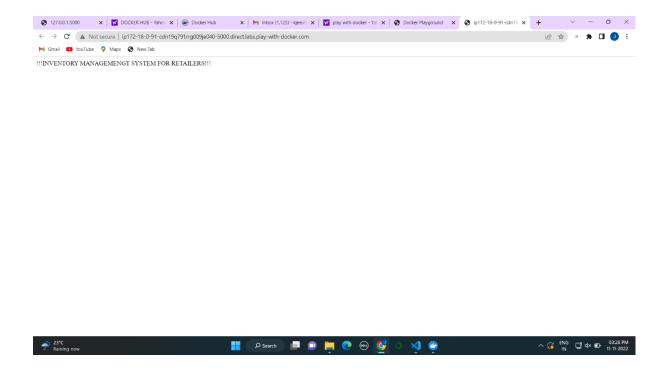




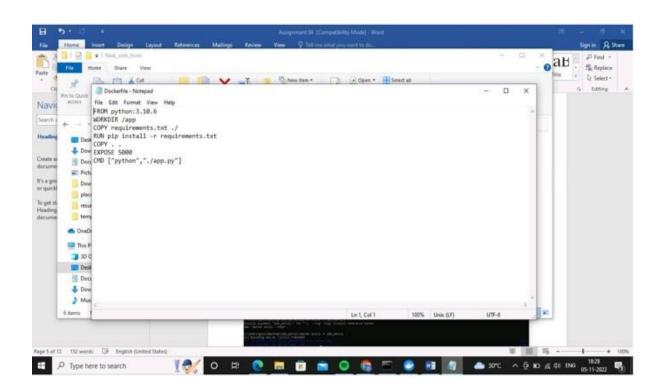


DockerPlayground





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



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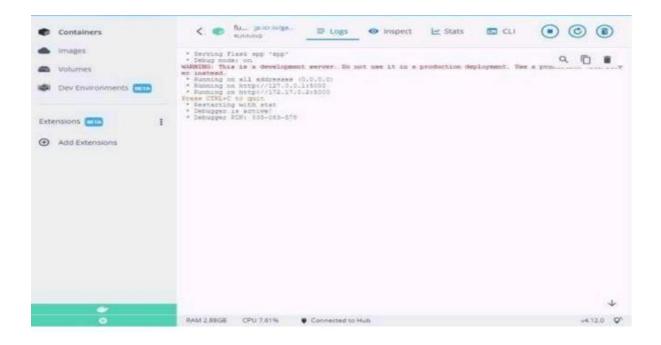
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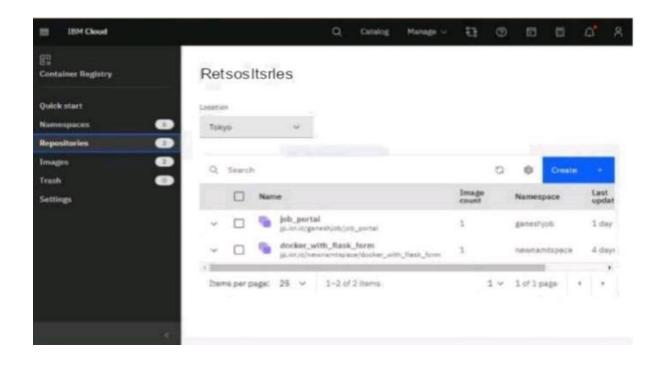
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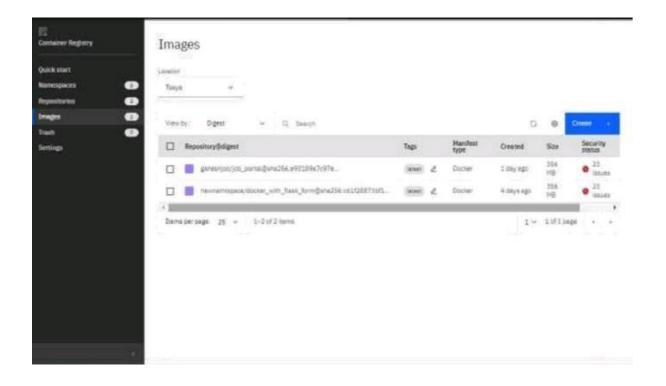
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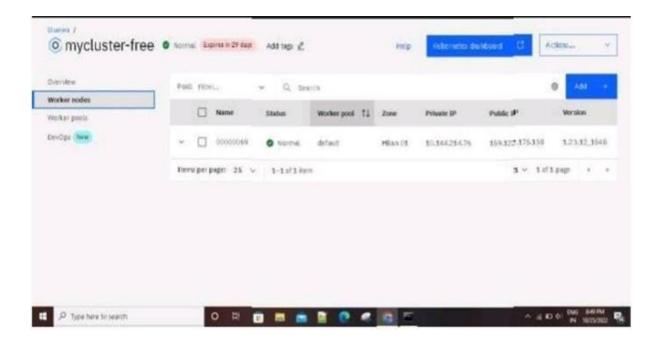
3.Create a IBM container registry and deploy helloworld app or jobportalapp.





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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.



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Consideration of the content of the
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