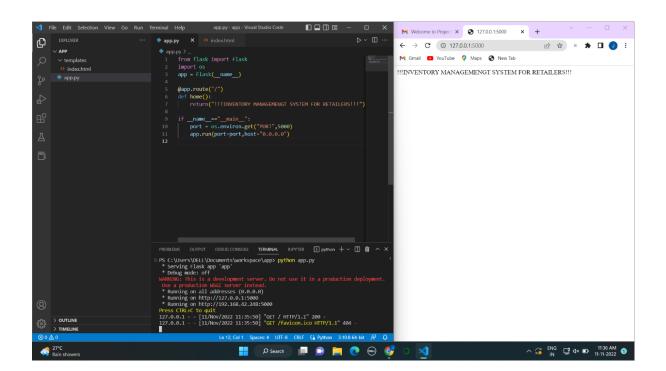
ASSIGNMENT – 4 DOCKER & KUBERNETES

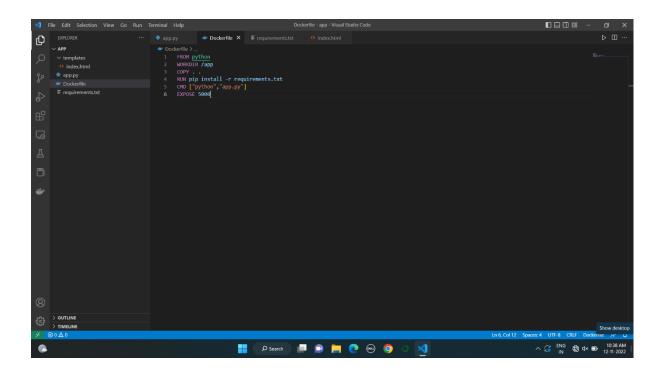
Student Name	Solaimathi T
Student Roll Number	731719205019
Maximum Marks	2 Marks

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

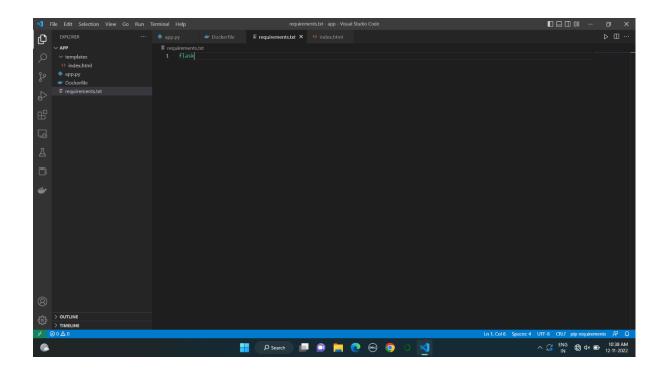
app.py



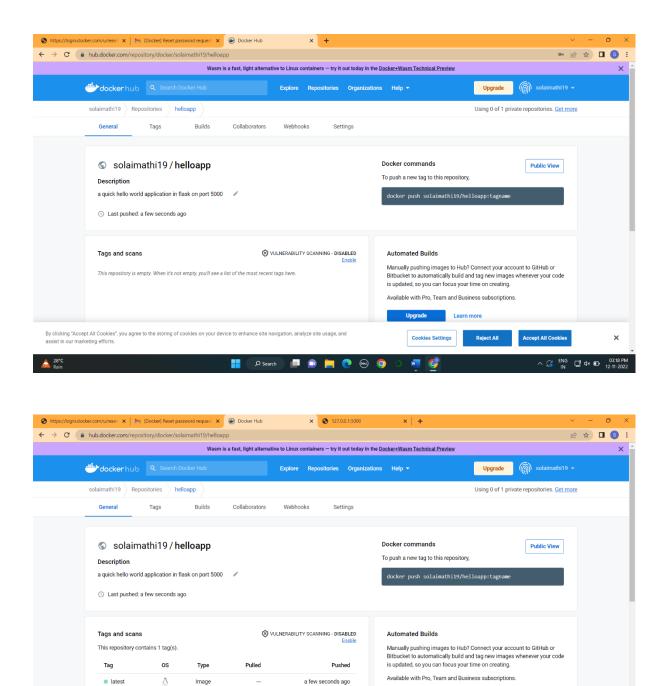
Dockerfile



Requirements.txt



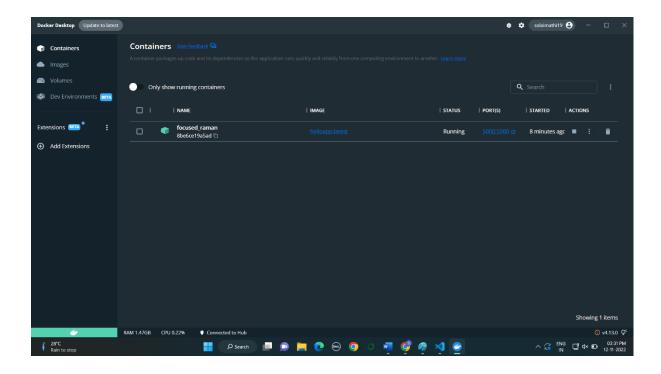
Docker hub

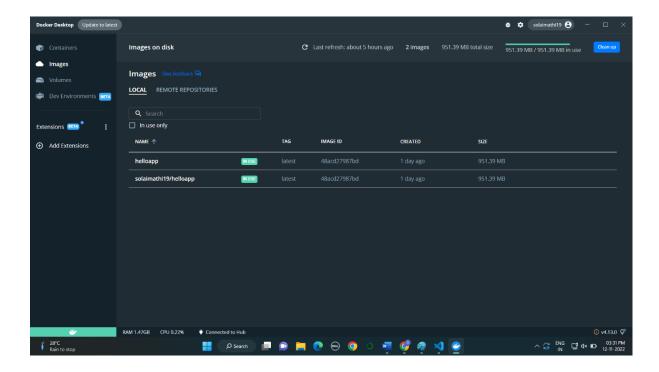


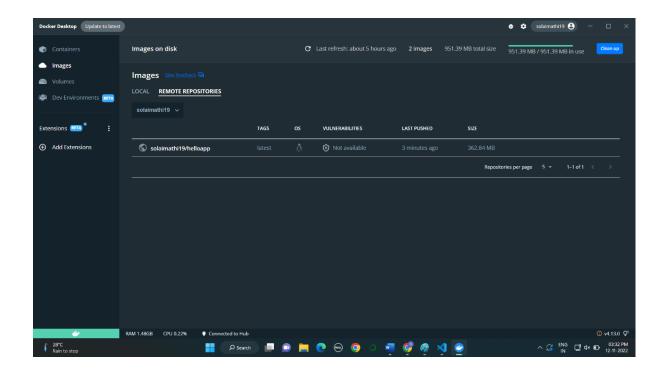
Go to Advanced Image Management

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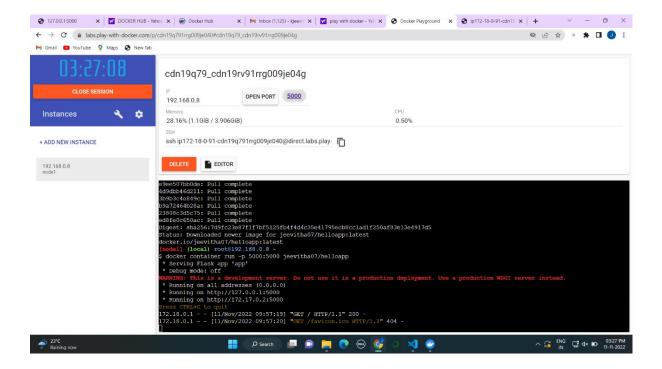
Docker

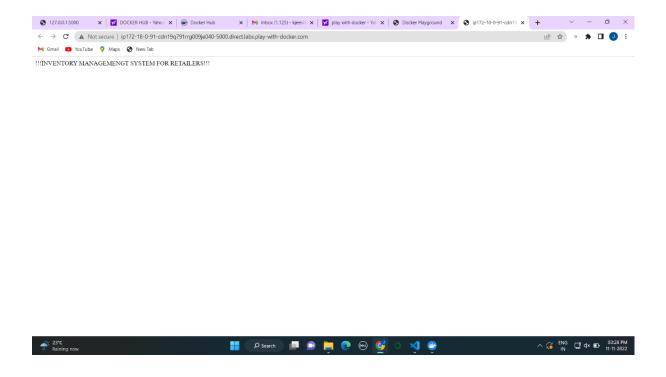




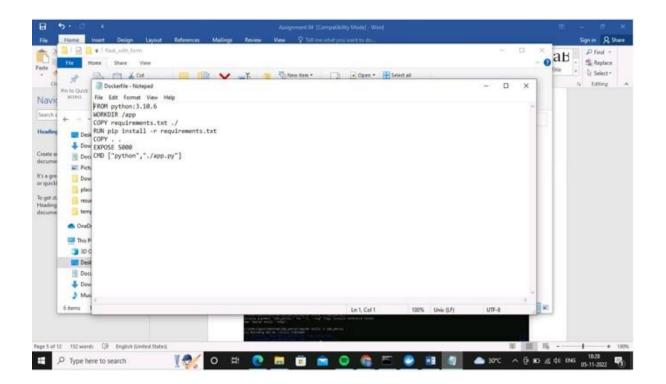


DockerPlayground





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



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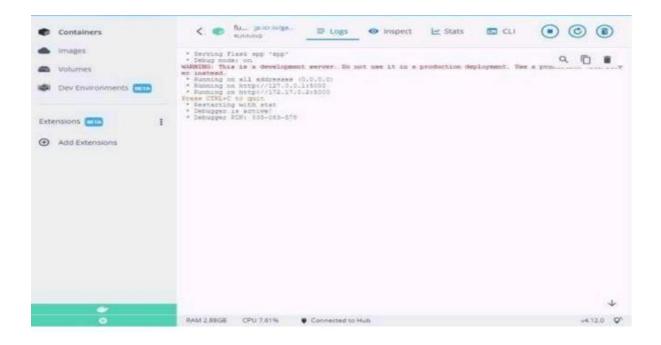
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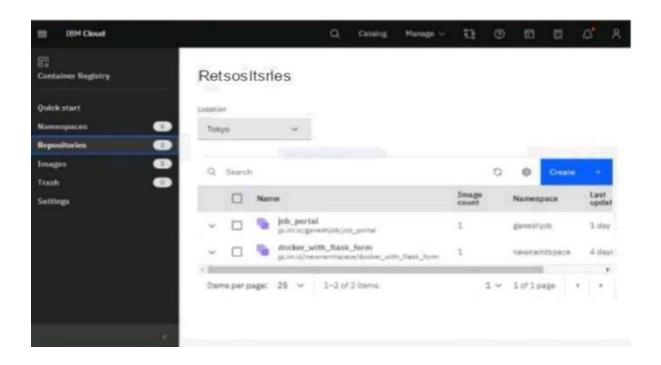
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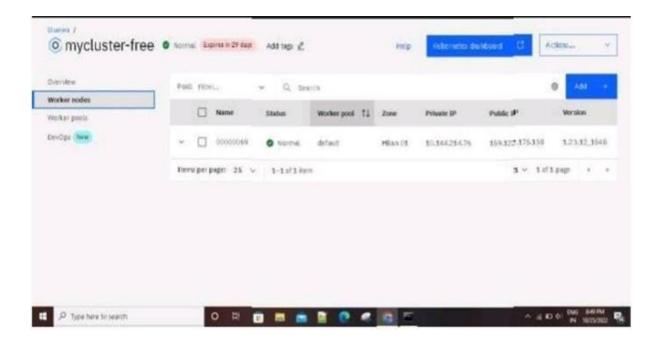
3. Create a IBM container registry and deploy helloworld app or jobportalapp.





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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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