ASSIGNMENT-4

Team ID	PNT2022TMID30954
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Question 1:

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

Question 2:

 Create a docker file for the job portal 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 job portal app.

Question 4:

Create a Kubernetes cluster in IBM cloud and deploy helloworld image or job portal image and also expose the same app to run in node port.

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Overview
Worker nodes
Worker pools
DevOps [New]

Pool: Filter... ⌄   🔍 Search   ⚙   Add +

	Name	Status	Worker pool	Zone	Private IP	Public IP	Version
⌄ ☐	00000059	✓ Normal	default	Milan 01	10.144.215.145	159.122.177.206	1.24.7_1543

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Overview
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🔍 Search   ⚙   Add +

	Name	Zones	Status	Workers per zone	Actual / Declared workers	Flavor	
⌄	default	Milan 01	✓ Active	1	1 / 1	Free - 2 vCPUs 4GB RAM	⋮

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