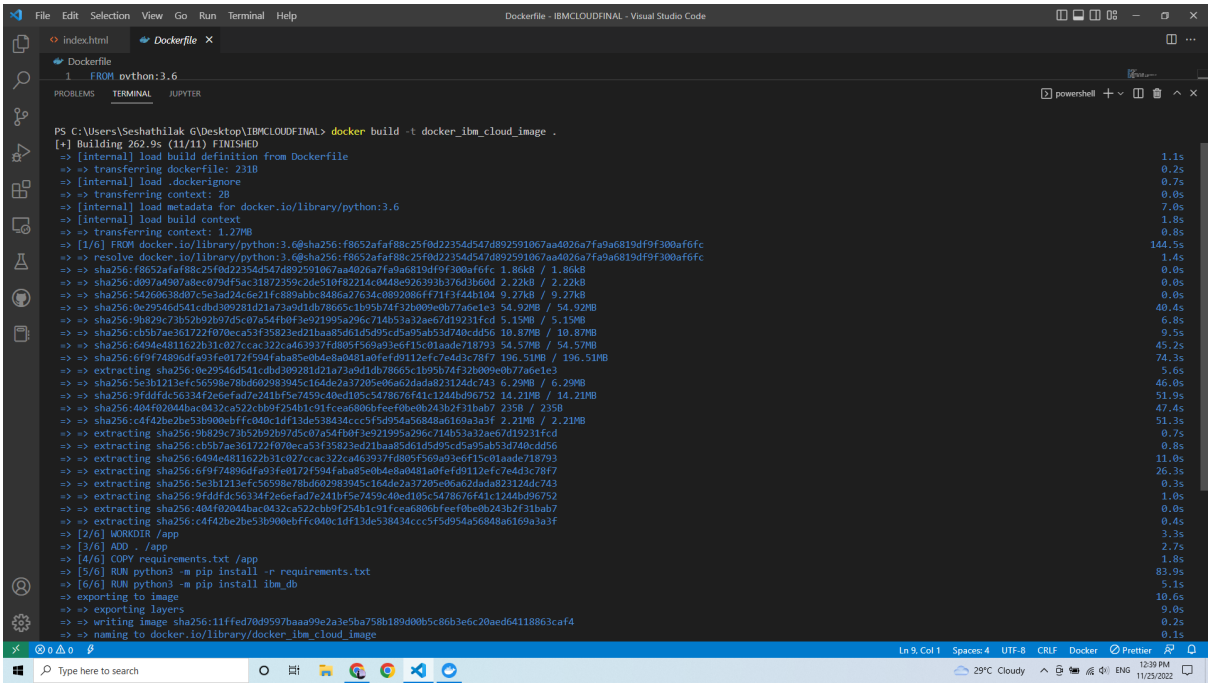
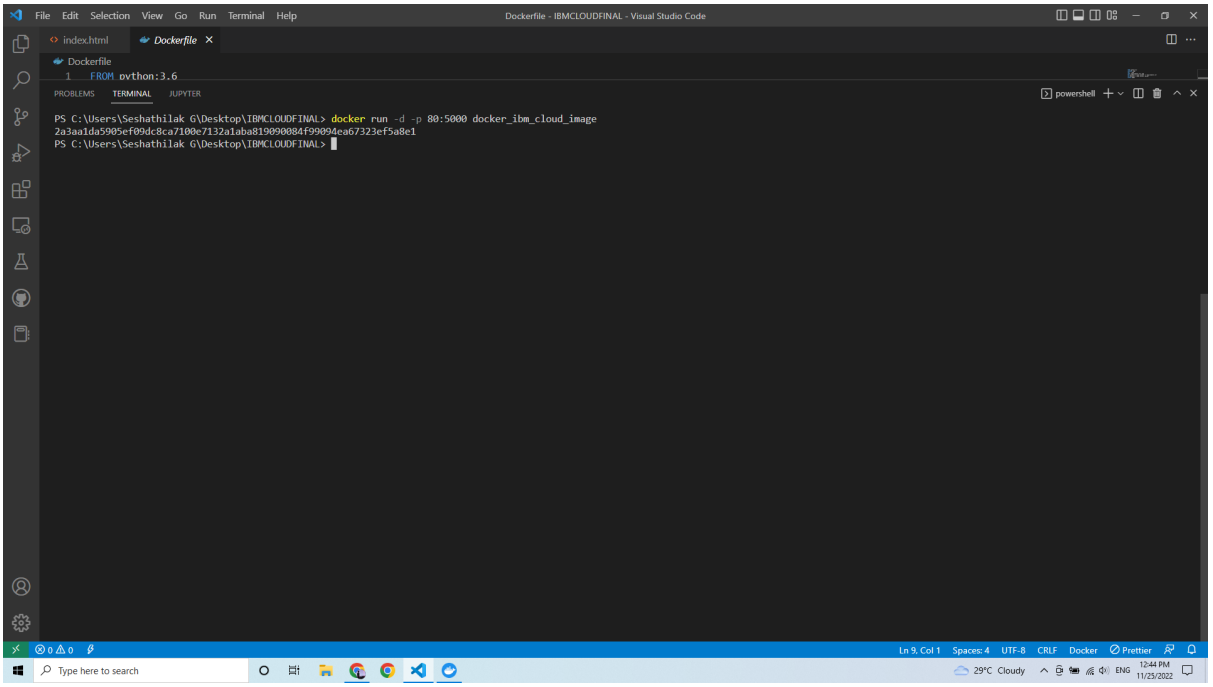
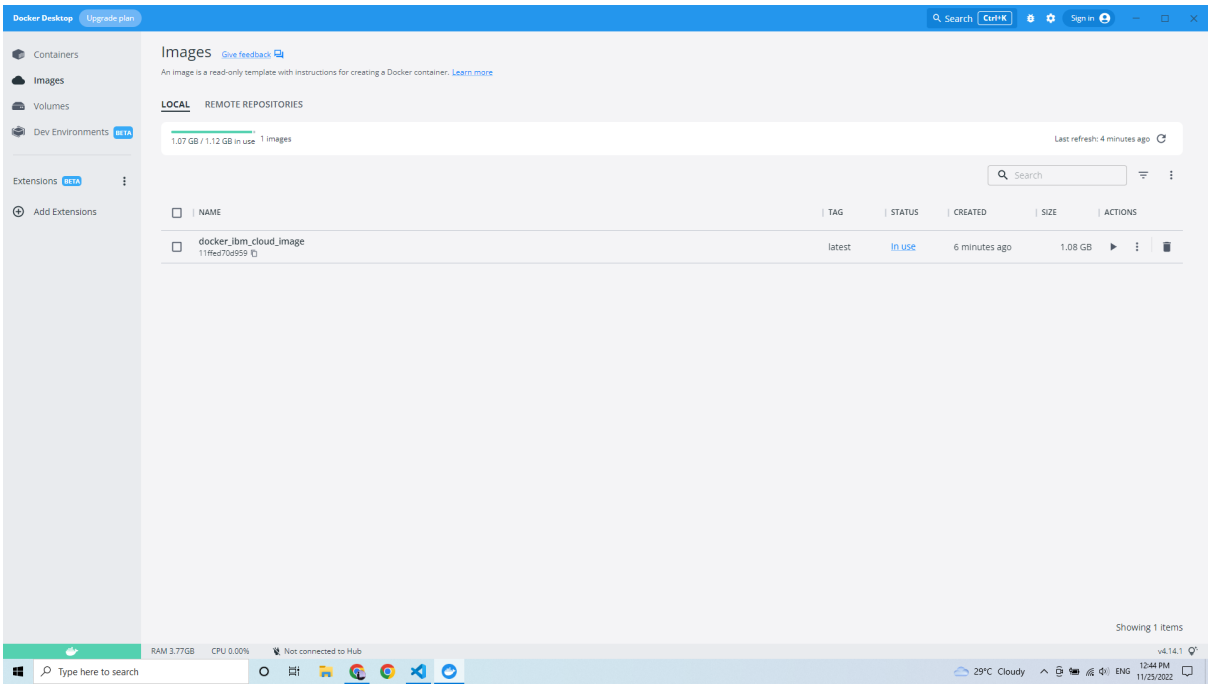
DEPLOYMENT OF APP IN IBM CLOUD

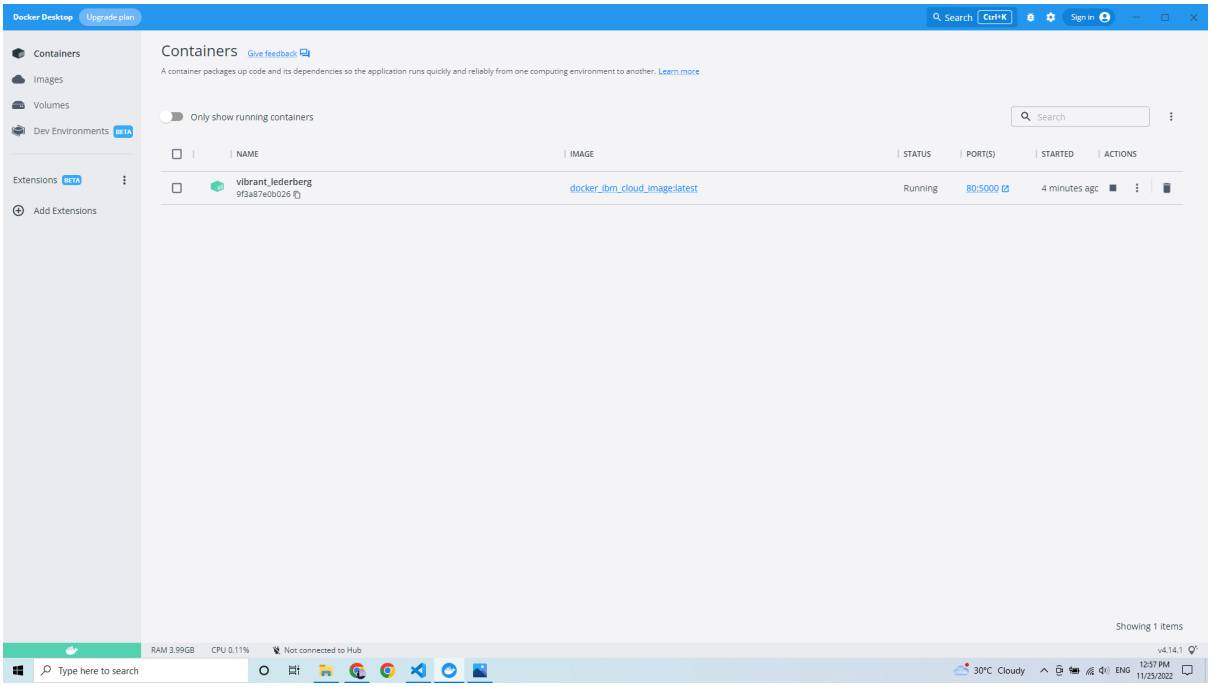
Team ID	PNT2022TMID35253
Project Name	Plasma Donor Application

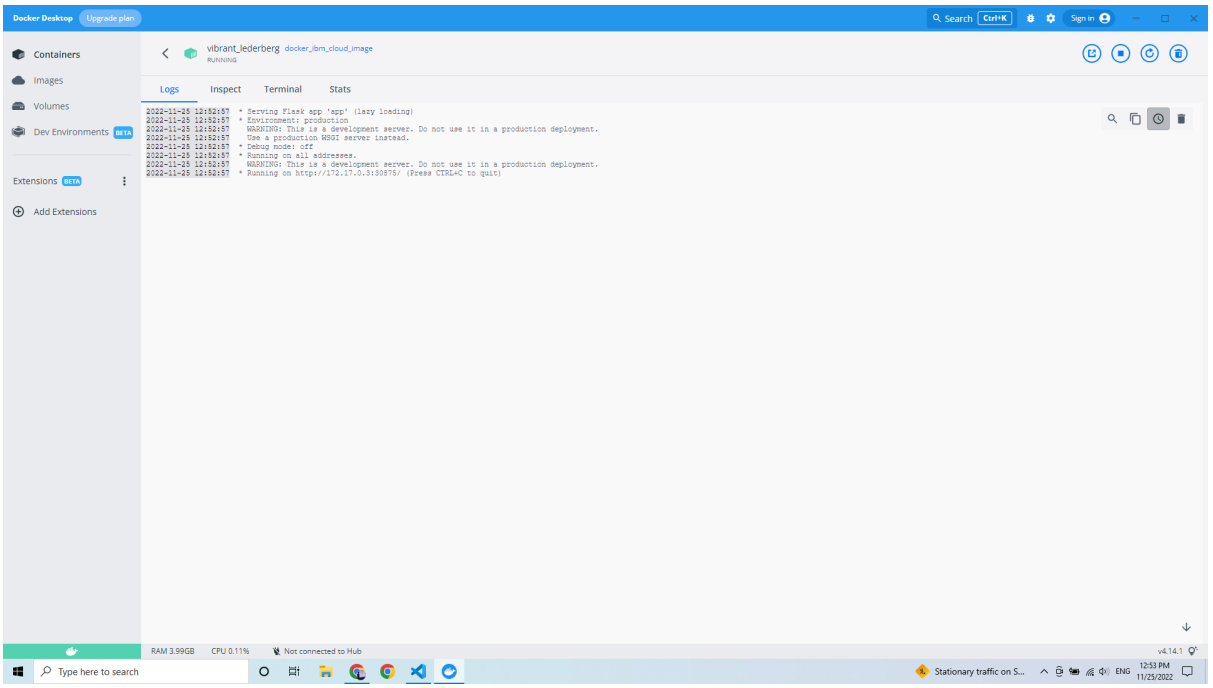
CONTAINERIZE THE APP



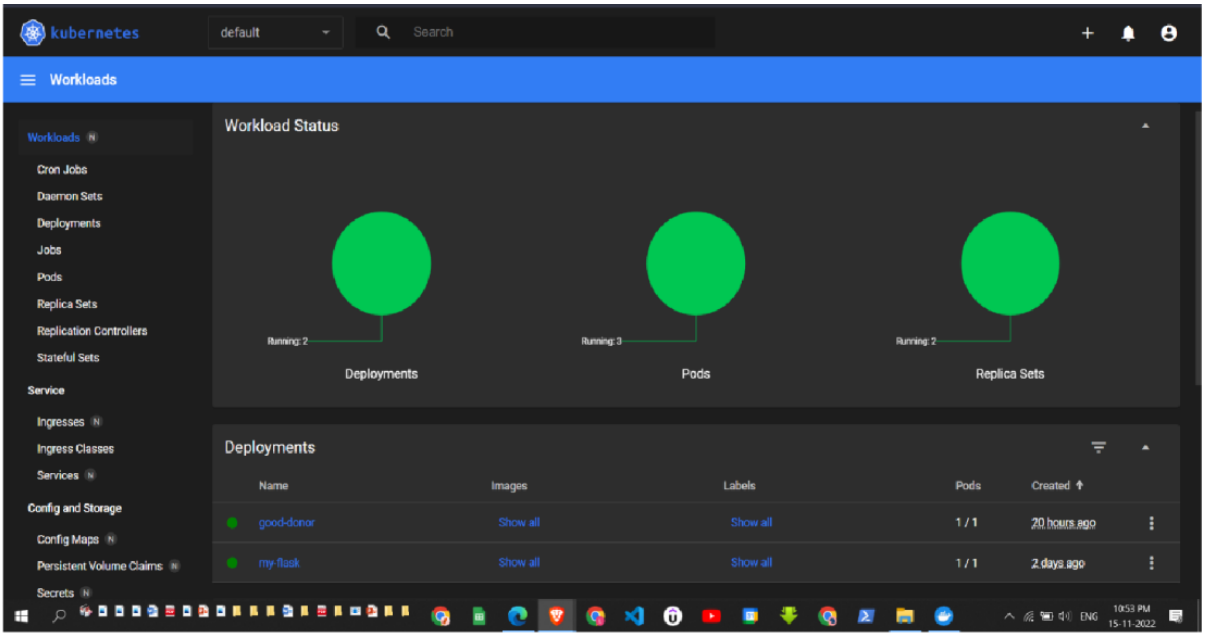

File Edit Selection View Go Run Terminal Help
Dockerfile - IBMCLOUDFINAL - Visual Studio Code
index.html
Dockerfile
Dockerfile
1 FROM python:3.6
PROBLEMS TERMINAL JUPYTER
powershell
PS C:\Users\Seshathilak G\Desktop\IBMCLOUDFINAL> docker run -d -p 80:5000 docker_ibm_cloud_image
2a3aa1da5905ef09dc8ca7100e7132a1aba819090084f99094ea67323ef5a8e1
PS C:\Users\Seshathilak G\Desktop\IBMCLOUDFINAL>
Ln 9, Col 1 Spaces: 4 UTF-8 CRLF Docker Prettier
Type here to search
29°C Cloudy
ENG
12:44 PM
11/25/2022

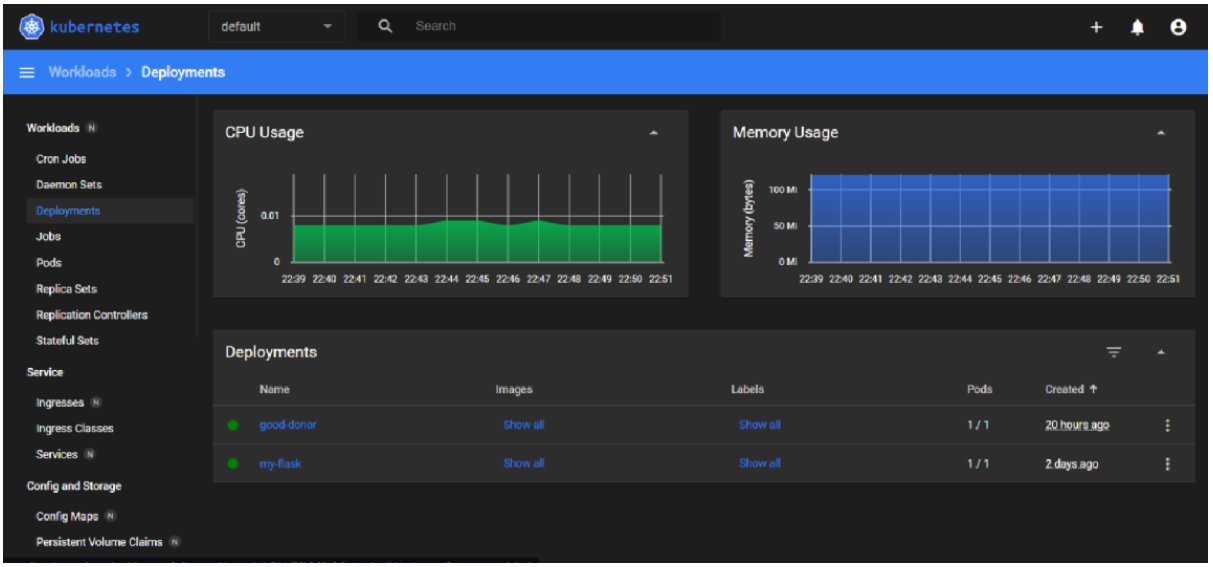

Docker Desktop
Upgrade plan
Search Ctrl+K
Sign in
Containers
Images
Volumes
Dev Environments BETA
Extensions BETA
Add Extensions
Images
Give feedback
An image is a read-only template with instructions for creating a Docker container. Learn more
LOCAL
REMOTE REPOSITORIES
1.07 GB / 1.12 GB in use 1 images
Last refresh: 4 minutes ago
Search
NAME
TAG
STATUS
CREATED
SIZE
ACTIONS
docker_ibm_cloud_image
11ffed70d959
latest
In use
6 minutes ago
1.08 GB
Showing 1 items
RAM 3.77GB
CPU 0.00%
Not connected to Hub
v4.14.1
Type here to search
29°C Cloudy
ENG
12:44 PM
11/25/2022


Docker Desktop
Upgrade plan
Search Ctrl+K
Sign in
Containers
Images
Volumes
Dev Environments BETA
Extensions BETA
Add Extensions
Containers
Give feedback
A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. Learn more
Only show running containers
Search
NAME
IMAGE
STATUS
PORT(S)
STARTED
ACTIONS
vibrant_lederberg
9f3a87e0b026
docker_ibm_cloud_image:latest
Running
80:5000
4 minutes ago
Showing 1 items
RAM 3.99GB
CPU 0.11%
Not connected to Hub
v4.14.1
Type here to search
30°C Cloudy
ENG
12:57 PM
11/25/2022


Docker Desktop
Upgrade plan
Search Ctrl+K
Sign in
Containers
Images
Volumes
Dev Environments BETA
Extensions BETA
Add Extensions
vibrant_lederberg
docker_ibm_cloud_image
RUNNING
Logs
Inspect
Terminal
Stats
2022-11-25 12:52:57 * Serving Flask app 'app' (lazy loading)
2022-11-25 12:52:57 * Environment: production
2022-11-25 12:52:57 WARNING: This is a development server. Do not use it in a production deployment.
2022-11-25 12:52:57 Use a production WSGI server instead.
2022-11-25 12:52:57 * Debug mode: off
2022-11-25 12:52:57 * Running on all addresses.
2022-11-25 12:52:57 WARNING: This is a development server. Do not use it in a production deployment.
2022-11-25 12:52:57 * Running on http://172.17.0.3:30875/ (Press CTRL+C to quit)
RAM 3.99GB
CPU 0.11%
Not connected to Hub
v4.14.1
Type here to search
Stationary traffic on S...
ENG
12:53 PM
11/25/2022

KUBERNETES


kubernetes
default
Search
Workloads
Workloads
Cron Jobs
Daemon Sets
Deployments
Jobs
Pods
Replica Sets
Replication Controllers
Stateful Sets
Service
Ingresses
Ingress Classes
Services
Config and Storage
Config Maps
Persistent Volume Claims
Secrets
Workload Status
Running: 2
Deployments
Running: 3
Pods
Running: 2
Replica Sets
Deployments
Name
Images
Labels
Pods
Created
good-donor
Show all
Show all
1 / 1
20 hours ago
my-flask
Show all
Show all
1 / 1
2 days ago
ENG
10:53 PM
15-11-2022


kubernetes
default
Search
Workloads > Deployments
Workloads
Cron Jobs
Daemon Sets
Deployments
Jobs
Pods
Replica Sets
Replication Controllers
Stateful Sets
Service
Ingresses
Ingress Classes
Services
Config and Storage
Config Maps
Persistent Volume Claims
CPU Usage
CPU (cores)
0.01
0
22:39 22:40 22:41 22:42 22:43 22:44 22:45 22:46 22:47 22:48 22:49 22:50 22:51
Memory Usage
Memory (bytes)
100 Mi
50 Mi
0 Mi
22:39 22:40 22:41 22:42 22:43 22:44 22:45 22:46 22:47 22:48 22:49 22:50 22:51
Deployments
Name
Images
Labels
Pods
Created
good-donor
Show all
Show all
1 / 1
20 hours ago
my-flask
Show all
Show all
1 / 1
2 days ago