

DEPLOYMENT OF APP IN IBM CLOUD

CONTAINERIZE THE APP

Team ID	PNT2022TMID01338
Project Name	PERSONAL EXPENSE TRACKER APPLICATION

DOCKER IMAGE CREATION

```
Command Prompt
C:\Users\mahal\OneDrive\Desktop\maha> docker build -t maha .
[*] Building 197.4s (12/12) FINISHED
=> [internal] load build definition from Dockerfile                                0.1s
=> => transferring dockerfile: 439B                                              0.0s
=> [internal] load .dockerignore                                                 0.0s
=> => transferring context: 2B                                                  0.0s
=> [internal] load metadata for docker.io/library/python:3.6.5-alpine          5.5s
=> [auth] library/python:pull token for registry-1.docker.io                  0.0s
=> [1/6] FROM docker.io/library/python:3.6.5-alpine@sha256:3f9e4710fc8dfb2a0aa32016bd8a0805f90612e61b5fc5b1194e1 20.2s
=> resolve docker.io/library/python:3.6.5-alpine@sha256:3f9e4710fc8dfb2a0aa32016bd8a0805f90612e61b5fc5b1194e1 0.0s
=> sha256:3f9e4710fc8dfb2a0aa32016bd8a0805f90612e61b5fc5b1194e1d9d1f7edca2 1.70kB / 1.70kB 0.0s
=> sha256:89d568f87a150d83a3bce87a29b3998fdb92d08836f015f16a9b3485f4dc6d47f 1.37kB / 1.37kB 0.0s
=> sha256:5be6d36f77ee72d9bec8e30238ac72d12f6f43a55c37599aa6183e94d83e3414 6.04kB / 6.04kB 0.0s
=> sha256:ff3a5c916c92643ff77519ffa742d3ec61b7f591b6b7504599d95a4a1134e28 2.07MB / 2.07MB 7.4s
=> sha256:44014a6ad6bc191019e0c2a1f8ddcb67b32a941a9c17083658a94a135d99909e 308.02kB / 308.02kB 3.6s
=> sha256:9e372a7142ef8bb924e5715ba353a216a479f2c2901f6c5d154bad1698aa693d 28.87MB / 28.87MB 26.8s
=> sha256:3ab6d28ced3c1770b90f194bb7f169fdef5dfadeec0f3af5cb81d737d4a183c 230B / 230B 4.4s
=> sha256:27f34cba021a17165965ff788224d3a1b03b6153fc06dc365c30114defcbe4e 1.90MB / 1.90MB 12.3s
=> extracting sha256:ff3a5c916c92643ff77519ffa742d3ec61b7f591b6b7504599d95a4a1134e28 0.2s
=> extracting sha256:44014a6ad6bc191019e0c2a1f8ddcb67b32a941a9c17083658a94a135d99909e 0.0s
=> extracting sha256:9e372a7142ef8bb924e5715ba353a216a479f2c2901f6c5d154bad1698aa693d 0.6s
=> extracting sha256:3ab6d28ced3c1770b90f194bb7f169fdef5dfadeec0f3af5cb81d737d4a183c 0.0s
=> extracting sha256:27f34cba021a17165965ff788224d3a1b03b6153fc06dc365c30114defcbe4e 0.1s
=> [internal] load build context
=> => transferring context: 1.25kB                                              0.0s
=> [2/6] WORKDIR /app                                                         0.2s
=> [3/6] ADD ./app                                                            0.1s
=> [4/6] RUN set -e; apt add --no-cache --virtual .build-deps gcc libe 143.1x 0.1s
=> [5/6] COPY requirements.txt /app                                           0.1s
=> [6/6] RUN pip install -r requirements.txt                                  17.8s
=> => exporting to image                                                         2.3s
=> => exporting layers                                                         2.3s
=> => writing image sha256:0adc050601242fb2c8001acaa9456ea816e7c25cda54a03b340180d0a62f2ac4 0.0s
=> => naming to docker.io/library/maha                                         0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\mahal\OneDrive\Desktop\maha>
```

Docker Desktop

Upgrade plan

Search

Ctrl+K

mahalakshmi30

Containers

Images

Volumes

Dev Environments

Extensions

Add Extensions

Images

Give feedback

An image is a read-only template with instructions for creating a Docker container. [Learn more](#)

LOCALREMOTE REPOSITORIES

638.42 MB / 77.79 MB in use13 images

Last refresh: about 10 hours ago

Search

	NAME	TAG	STATUS	CREATED	SIZE	ACTIONS
<input type="checkbox"/>	maha 0adc05060124	latest	In use	1 minute ago	537.08 MB	<div></div> <div></div> <div></div>
<input type="checkbox"/>	nginx 19dd4d73108a	alpine	In use	7 days ago	23.55 MB	<div></div> <div></div> <div></div>
<input type="checkbox"/>	ubuntu a8780b506fa4	latest	In use	16 days ago	77.79 MB	<div></div> <div></div> <div></div>
<input type="checkbox"/>	hubproxy.docker.internal:5000/docker/desktop-kubernetes 09d7e1dbc2c4	kubernetes-v1	Unused	about 2 months ago	363.32 MB	<div></div> <div></div> <div></div>
<input type="checkbox"/>	k8s.gcr.io/kube-apiserver 97801f839490	v1.25.2	Unused	about 2 months ago	127.73 MB	<div></div> <div></div> <div></div>
<input type="checkbox"/>	k8s.gcr.io/kube-scheduler ca0ea1ee3cfd	v1.25.2	Unused	about 2 months ago	50.58 MB	<div></div> <div></div> <div></div>
<input type="checkbox"/>	k8s.gcr.io/kube-controller-manager dbfceb93c69b	v1.25.2	Unused	about 2 months ago	117.1 MB	<div></div> <div></div> <div></div>
<input type="checkbox"/>	k8s.gcr.io/kube-proxy					<div></div> <div></div> <div></div>

Showing 13 items

RAM 3.46GB

CPU 1.46%

Connected to Hub

v4.14.0

21°C Mostly sunny

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ENG IN

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Docker Desktop

Upgrade plan

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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
<input type="checkbox"/>	nginx_base 52091870854c	nginx:alpine	Running	80:80	1 hour ago	<div></div> <div></div> <div></div>
<input type="checkbox"/>	MyUbuntu1 2622deccdc3b	ubuntu:latest	Exited (255)			<div></div> <div></div> <div></div>
<input type="checkbox"/>	compassionate_gates bdd0827d9c09	maha:latest	Exited			<div></div> <div></div> <div></div>

Showing 3 items

RAM 3.46GB

CPU 1.42%

Connected to Hub

v4.14.0

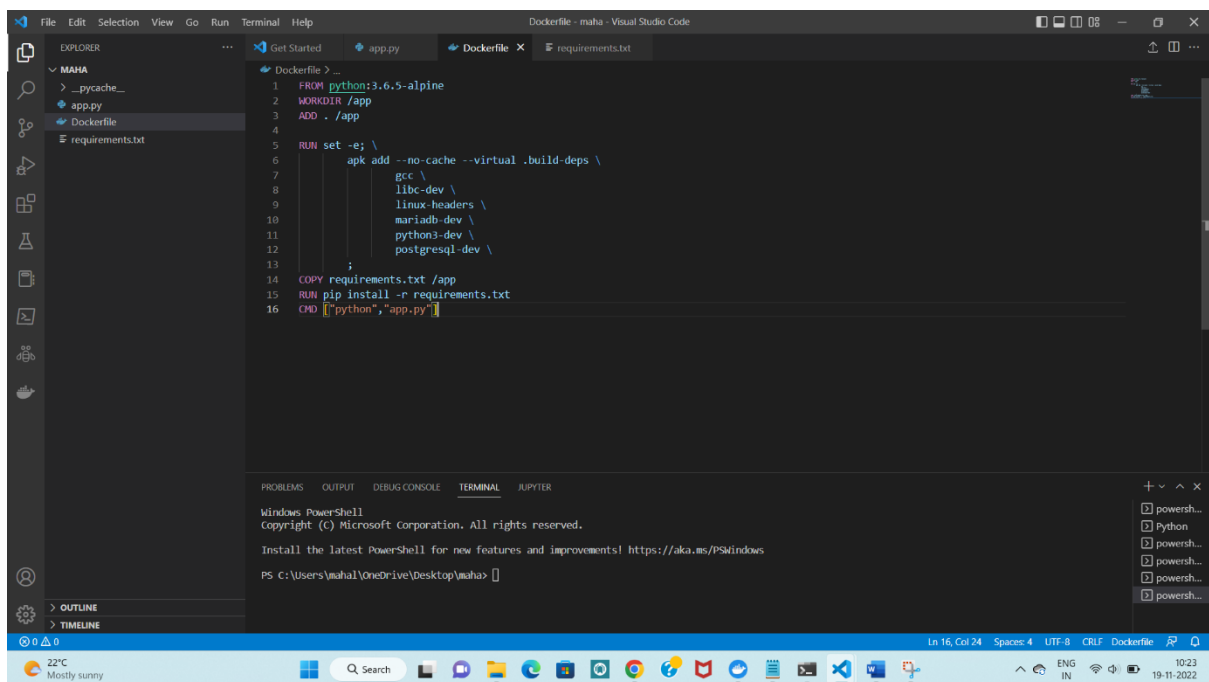
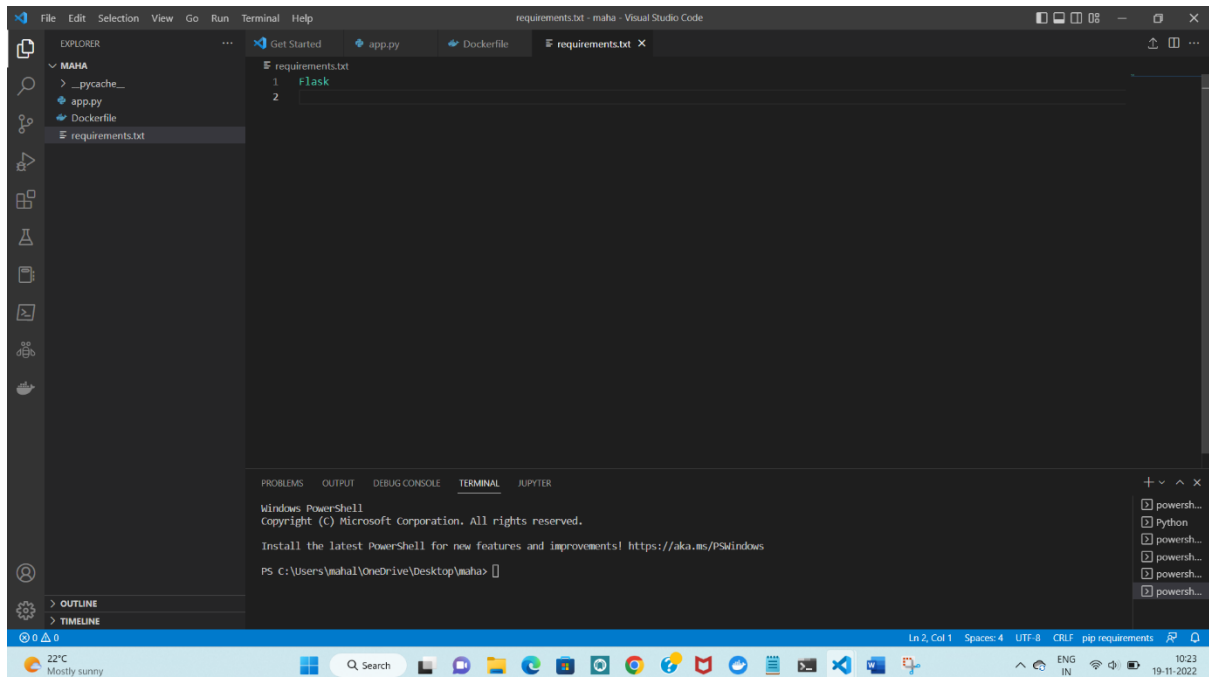
21°C Mostly sunny

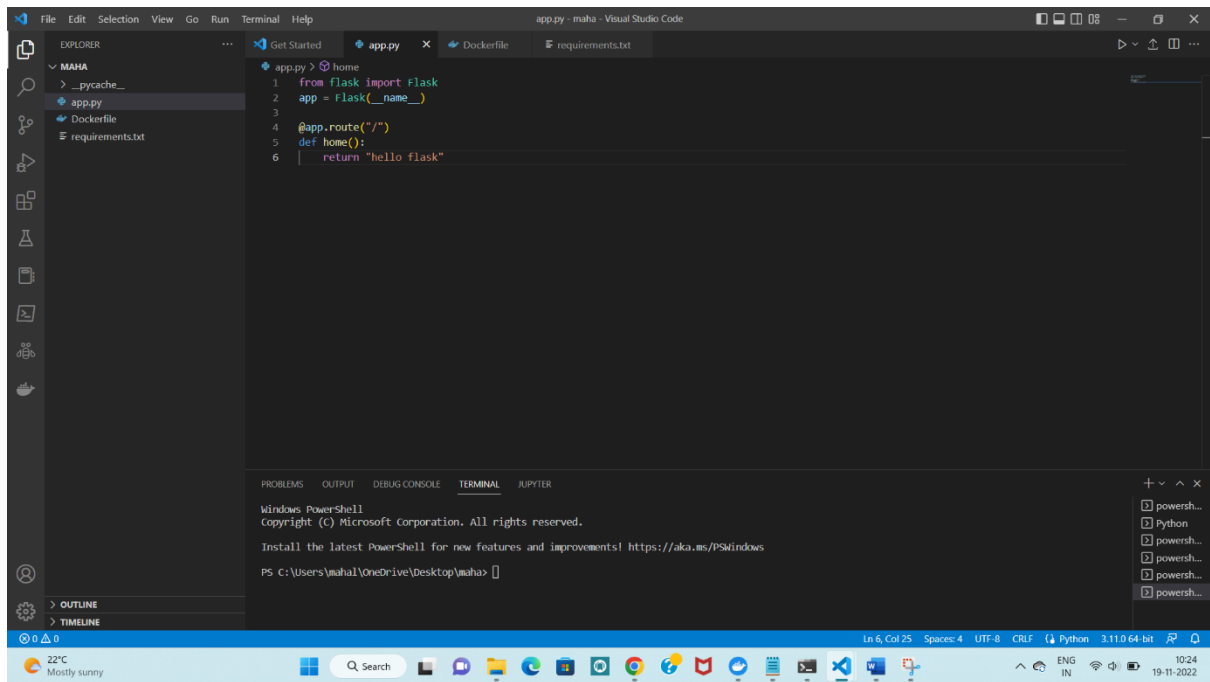
Search

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CREATING DOCKER IMAGE FOR FLASK APP





← → ↻ ⓘ 127.0.0.1:5000

hello flask