

```

PS C:\Users\Neeraja\OneDrive\Desktop\finaldeliverables>
PS C:\Users\Neeraja\OneDrive\Desktop\finaldeliverables> docker build -t project .
[+] Building 70.7s (10/10) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 328 0.0s
=> [internal] load .dockerignore 0.0s
=> => transferring context: 28 0.0s
=> [internal] load metadata for docker.io/library/python:3.10.6 1.0s
=> [internal] load build context 0.0s
=> => transferring context: 1.23kB 0.0s
=> [1/5] FROM docker.io/library/python:3.10.6@sha256:745efd7b7e4aac9a8422bd8c62d8bc35a693e8979a240d29677cb03e6aa91052 63.6s
=> => resolve docker.io/library/python:3.10.6@sha256:745efd7b7e4aac9a8422bd8c62d8bc35a693e8979a240d29677cb03e6aa91052 0.0s
=> => sha256:1671565cc8df8c365c9b661d3fbc164e73d01f1b0430c6179588428f99a9da2e 55.01MB / 55.01MB 25.7s
=> => sha256:3e94d13e55e7a4ef17f21376f57fb95c7e1706931f8704aa99260968d81f6e4 5.16MB / 5.16MB 3.2s

=> => sha256:fa9c7528c685216129e8e67bf362a7702e7b1daa585ab85546a41508830657d6 10.88MB / 10.88MB 5.4s
=> => sha256:8d1f943ceaf3b3ce05df5c0926e7958836b048b700176bf9c56d8f37ac13fca 2.22kB / 2.22kB 0.0s
=> => sha256:d25a66380b10283603ff696d777bba5cdeb1b9126fb0be7d118b9574946bcf84 8.53kB / 8.53kB 0.0s
=> => sha256:745efd7b7e4aac9a8422bd8c62d8bc35a693e8979a240d29677cb03e6aa91052 2.35kB / 2.35kB 0.0s
=> => sha256:53ad072f9cd16fc8eb93b182b20e758e11acc0ef60babe0bf1043c08de1901a 54.58MB / 54.58MB 30.5s
=> => sha256:d6b983117533b718374f1701ef593dd2afa6613c7908c6553be8a2a150e6448a 196.79MB / 196.79MB 57.8s
=> => extracting sha256:1671565cc8df8c365c9b661d3fbc164e73d01f1b0430c6179588428f99a9da2e 1.5s
=> => sha256:d8092d56ded5476fe7c302256eb4dc6ff495ae8fb4dd28aa18dbcb7581e24a6c 6.29MB / 6.29MB 29.1s
=> => extracting sha256:3e94d13e55e7a4ef17f21376f57fb95c7e1706931f8704aa99260968d81f6e4 0.2s
=> => extracting sha256:fa9c7528c685216129e8e67bf362a7702e7b1daa585ab85546a41508830657d6 0.2s
=> => sha256:c71afc637d59adc44c5fd3c348504df82b35bbb204f0057ea22c6ac8a1d285a5 20.02MB / 20.02MB 35.2s
=> => sha256:864a10b3c704553e08cb5fcd12fbaee1c07048f6365f0fa35e84a285413da40b 234B / 234B 30.8s
=> => extracting sha256:53ad072f9cd16fc8eb93b182b20e758e11acc0ef60babe0bf1043c08de1901a 1.7s
=> => sha256:4334b2fe8293d19ddc1c3559093aae88f21601a7c85a31c6da6c0dc48fb6ed3c 3.04MB / 3.04MB 33.2s
=> => extracting sha256:d6b983117533b718374f1701ef593dd2afa6613c7908c6553be8a2a150e6448a 4.5s

=> => extracting sha256:d6b983117533b718374f1701ef593dd2afa6613c7908c6553be8a2a150e6448a 4.5s
=> => extracting sha256:d8092d56ded5476fe7c302256eb4dc6ff495ae8fb4dd28aa18dbcb7581e24a6c 0.2s
=> => extracting sha256:c71afc637d59adc44c5fd3c348504df82b35bbb204f0057ea22c6ac8a1d285a5 0.4s
=> => extracting sha256:864a10b3c704553e08cb5fcd12fbaee1c07048f6365f0fa35e84a285413da40b 0.0s
=> => extracting sha256:4334b2fe8293d19ddc1c3559093aae88f21601a7c85a31c6da6c0dc48fb6ed3c 0.2s
=> [2/5] WORKDIR /app 0.8s
=> [3/5] COPY requirements.txt ./ 0.0s
=> [4/5] RUN pip install -r requirements.txt 4.9s
=> [5/5] COPY . . 0.0s
=> exporting to image 0.1s
=> => exporting layers 0.1s
=> => writing image sha256:044f113416fe39603dda9fda2a930b9d42f38cf1b9dcl1ca9af81aaac7c6b01b7 0.0s
=> => naming to docker.io/library/project 0.0s

```

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

```
PS C:\Users\Neeraja\OneDrive\Desktop\finaldeliverables> docker run -p 8080:8080 project
```

```
* Serving Flask app 'app'
```

```
* Debug mode: on
```

WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.

```
* Running on http://127.0.0.1:5000
```

```
Press CTRL+C to quit
```

```
* Restarting with stat
```

```
* Debugger is active!
```

```
* Debugger PIN: 256-710-429
```

```
□
```

```
PS C:\Users\Neeraja\OneDrive\Desktop\finaldeliverables> docker tag project:latest neeraja1611/project:latest
```

```
PS C:\Users\Neeraja\OneDrive\Desktop\finaldeliverables> docker push neeraja1611/project
```

```
Using default tag: latest
```

```
The push refers to repository [docker.io/neeraja1611/project]
```

```
ca8bf2f8868b: Pushed
```

```
69cb13e058a8: Pushed
```

```
afa0f6210c69: Pushed
```

```
3f8de039eb2f: Pushed
```

```
bfc1deb8136e: Pushed
```

```
1f123186824c: Pushed
```

```
3d6eb1152931: Pushed
```

```
100796cdf3b1: Pushed
```

```
54acb5a6fa0b: Pushed
```

```
8d51c618126f: Pushed
```

```
69cb13e058a8: Pushed
```

```
afa0f6210c69: Pushed
```

```
3f8de039eb2f: Pushed
```

```
bfc1deb8136e: Pushed
```

```
1f123186824c: Pushed
```

```
3d6eb1152931: Pushed
```

```
100796cdf3b1: Pushed
```

```
54acb5a6fa0b: Pushed
```

```
8d51c618126f: Pushed
```

```
9ff6e4d46744: Pushed
```

```
a89d1d47b5a1: Pushed
```

```
655ed1b7a428: Pushed
```

```
latest: digest: sha256:af3c8abb30aaedc7b5cb277a05a682827fa68472b63d8dddd20ac4b469ba0ce5 size: 3054
```

Docker Desktop

Upgrade plan

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Ctrl+K

neeraja1611

Containers

Images

Volumes

Dev Environments

Extensions

Add Extensions

Containers

A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another.

Give feedback

Only show running containers

Search

	NAME ↑	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
<input type="checkbox"/>	interesting_panini aceaf363af87	docker/getting-started:latest	Exited	80:80		<div><div></div><div></div><div></div></div>
<input type="checkbox"/>	xenodochial_lalande 1c8a8883ffd7	project:latest	Running	8080:8080	8 minutes ago	<div><div></div><div></div><div></div></div>

Showing 2 items

27°C
Mostly clear

RAM 4.21GB CPU 0.67% Connected to Hub

22:17
24-11-2022

Docker Desktop

Upgrade plan

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Containers

Images

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Add Extensions

Images on disk

Last refresh: Never 13 images Refresh to see disk usage

Clean up

Images

Give feedback

LOCAL

REMOTE REPOSITORIES

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In use only

NAME ↑	TAG	IMAGE ID	CREATED	SIZE
docker/desktop-storage...	v2.0	99f89471f470	over 1 year ago	41.85 MB
docker/desktop-vpnkit...	v2.0	8c2c38aa676e	over 1 year ago	21.03 MB
docker/getting-started	IN USE latest	cb90f98fd791	8 months ago	28.78 MB
hubproxy.docker.intern...	kubernetes-v1.25....	09d7e1dbc2c4	2 months ago	363.32 MB
k8s.gcr.io/coredns	v1.9.3	5185b96f0bec	6 months ago	48.8 MB
k8s.gcr.io/etcd	3.5.4-0	a8a176a5d5d6	6 months ago	299.52 MB

RAM 4.22GB CPU 2.22% Connected to Hub

22:17
24-11-2022