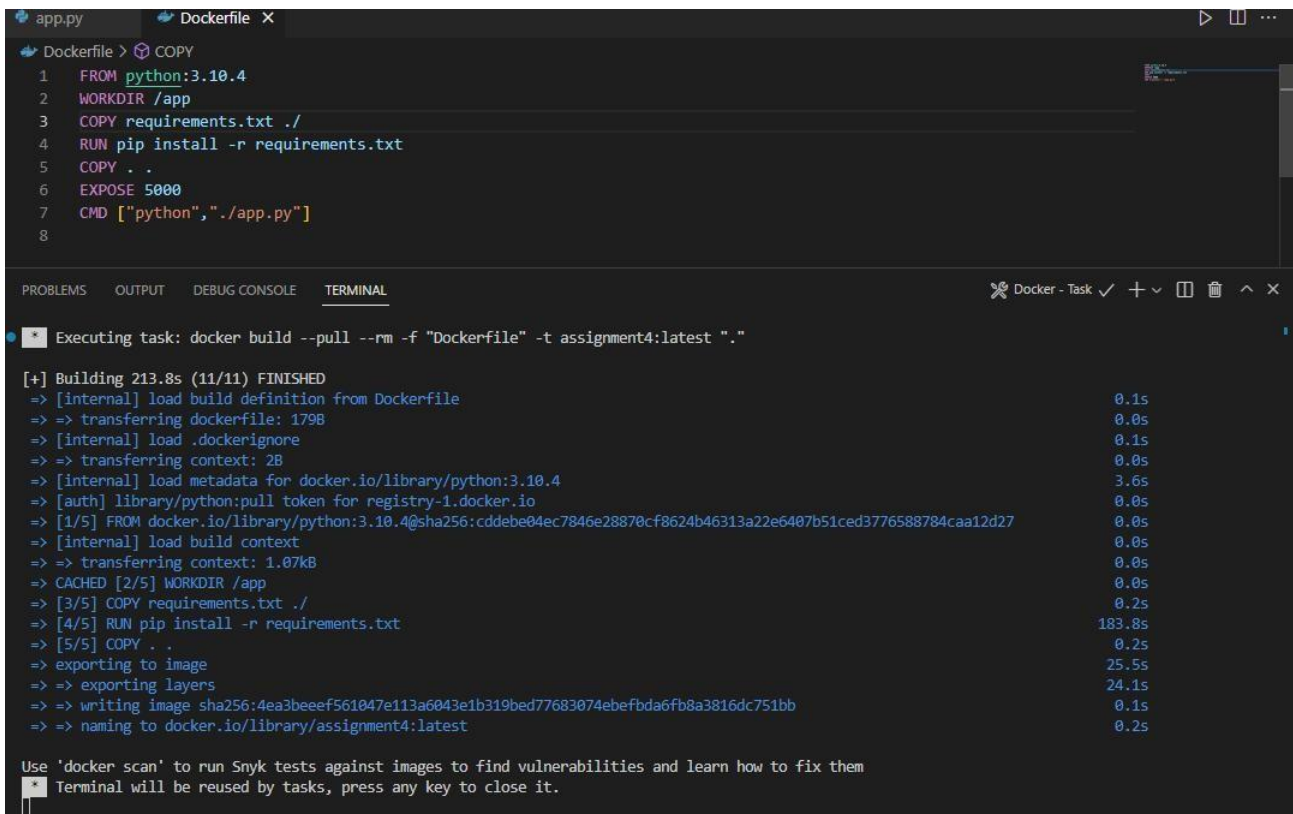


## Assignment - 4

Assignment Date	31 October 2022
Student Name	Vishnu R
Student Roll Number	727719EUIT177
Maximum Marks	2 Marks

### Output:



```
app.py Dockerfile X
Dockerfile > COPY
1 FROM python:3.10.4
2 WORKDIR /app
3 COPY requirements.txt ./
4 RUN pip install -r requirements.txt
5 COPY . .
6 EXPOSE 5000
7 CMD ["python", "./app.py"]
8

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Executing task: docker build --pull --rm -f "Dockerfile" -t assignment4:latest "."

[+] Building 213.8s (11/11) FINISHED
=> [internal] load build definition from Dockerfile 0.1s
=> => transferring dockerfile: 179B 0.0s
=> [internal] load .dockerignore 0.1s
=> => transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/python:3.10.4 3.6s
=> [auth] library/python:pull token for registry-1.docker.io 0.0s
=> [1/5] FROM docker.io/library/python:3.10.4@sha256:cddebe04ec7846e28870cf8624b46313a22e6407b51ced3776588784caa12d27 0.0s
=> [internal] load build context 0.0s
=> => transferring context: 1.07kB 0.0s
=> CACHED [2/5] WORKDIR /app 0.0s
=> [3/5] COPY requirements.txt ./ 0.2s
=> [4/5] RUN pip install -r requirements.txt 183.8s
=> [5/5] COPY . . 0.2s
=> exporting to image 25.5s
=> => exporting layers 24.1s
=> => writing image sha256:4ea3beef561047e113a6043e1b319bed77683074ebefbda6fb8a3816dc751bb 0.1s
=> => naming to docker.io/library/assignment4:latest 0.2s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
Terminal will be reused by tasks, press any key to close it.
```

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](#)

Showing 2 items

Search

	NAME	IMAGE <span>↑</span>	STATUS	PORT(S)	STARTED	ACTIONS
<input type="checkbox"/>	<div>goofy_gould</div> <div>258252a17059</div>	assignment4:latest	Exited	5000		<div><div></div><div></div><div></div></div>
<input type="checkbox"/>	<div>bold_raman</div> <div>59ecb4420b09</div>	assignment4:latest	Running	4200	2 minutes ago	<div><div></div><div></div><div></div></div>

RAM 3.33GB

CPU 0.42%

Connected to Hub

v4.12.0

Containers

Images

Volumes

Dev Environments BETA

Extensions BETA

Add Extensions

Images on disk Last refresh: less than a minute ago 1 images 1.66 GB total size 

1.66 GB / 1.66 GB in use

Clean up

Images Give Feedback

LOCAL

REMOTE REPOSITORIES

Search

☐ In use only

NAME <span>↑</span>	TAG	IMAGE ID	CREATED	SIZE	
assignment4	<span>IN USE</span>	latest	4ea3beef561	6 minutes ago	1.66 GB

RAM 3.33GB

CPU 1.24%

Connected to Hub

v4.12.0

Containers

Images

Volumes

Dev Environments BETA

Extensions BETA

Add Extensions

silly\_jennings assignment4latest

RUNNING

Logs

Inspect

Stats

CLI

🔍

📄

🗑️

\* Running on http://127.0.0.1:5000

\* Running on http://172.17.0.2:5000

Press CTRL+C to quit

\* Restarting with stat

\* Debugger is active!

\* Debugger PIN: 121-996-972

172.17.0.1 - - [06/Nov/2022 15:29:27] "GET / HTTP/1.1" 500 -

Traceback (most recent call last):

File "/usr/local/lib/python3.10/site-packages/flask/app.py", line 2548, in \_\_call\_\_

return self.wsgi\_app(environ, start\_response)

File "/usr/local/lib/python3.10/site-packages/flask/app.py", line 2528, in wsgi\_app

response = self.handle\_exception(e)

File "/usr/local/lib/python3.10/site-packages/flask/app.py", line 2525, in wsgi\_app

response = self.full\_dispatch\_request()

File "/usr/local/lib/python3.10/site-packages/flask/app.py", line 1822, in full\_dispatch\_request

rv = self.handle\_user\_exception(e)

File "/usr/local/lib/python3.10/site-packages/flask/app.py", line 1820, in full\_dispatch\_request

rv = self.dispatch\_request()

File "/usr/local/lib/python3.10/site-packages/flask/app.py", line 1796, in dispatch\_request

return self.ensure\_sync(self.view\_functions[rule.endpoint])(\*\*view\_args)

File "/app/app.py", line 32, in index

return render\_template('index.html', messages=messages)

File "/usr/local/lib/python3.10/site-packages/flask/templating.py", line 146, in render\_template

template = app.jinja\_env.get\_or\_select\_template(template\_name\_or\_list)

File "/usr/local/lib/python3.10/site-packages/jinja2/environment.py", line 1081, in get\_or\_select\_template

return self.get\_template(template\_name\_or\_list, parent, globals)

File "/usr/local/lib/python3.10/site-packages/jinja2/environment.py", line 1010, in get\_template

return self.\_load\_template(name, globals)

File "/usr/local/lib/python3.10/site-packages/jinja2/environment.py", line 969, in \_load\_template

template = self.loader.load(self, name, self.make\_globals(globals))

File "/usr/local/lib/python3.10/site-packages/jinja2/loaders.py", line 126, in load

source, filename, uptodate = self.get\_source(environment, name)

File "/usr/local/lib/python3.10/site-packages/flask/templating.py", line 62, in get\_source

return self.\_get\_source\_fast(environment, template)

File "/usr/local/lib/python3.10/site-packages/flask/templating.py", line 98, in \_get\_source\_fast

raise TemplateNotFound(template)

jinja2.exceptions.TemplateNotFound: index.html

172.17.0.1 - - [06/Nov/2022 15:29:27] "GET /?\_\_debugger\_\_=yes&cmd=resource&f=style.css HTTP/1.1" 304 -

172.17.0.1 - - [06/Nov/2022 15:29:27] "GET /?\_\_debugger\_\_=yes&cmd=resource&f=debugger.js HTTP/1.1" 304 -

172.17.0.1 - - [06/Nov/2022 15:29:28] "GET /?\_\_debugger\_\_=yes&cmd=resource&f=console.png HTTP/1.1" 304 -

RAM 3.33GB

CPU 0.58%

Connected to Hub

v4.12.0