

Assignment 2B

Code:

```
PS C:\Users\rohit\OneDrive\Desktop\my-docker-app> docker build -t my-python-app .
```

```
[+] Building 0.2s (1/1) FINISHED                                docker:default
=> [internal] load build definition from Dockerfile            0.1s
=> => transferring dockerfile: 2B                               0.0s
```

```
PS C:\Users\rohit\OneDrive\Desktop\my-docker-app> @"
```

```
>> # Use an official Python runtime as a parent image
```

```
>> FROM python:3.9
```

```
>> WORKDIR /app
```

```
>> COPY . /app
```

```
>> RUN pip install --no-cache-dir -r requirements.txt
```

```
>> EXPOSE 80
```

```
>> ENV NAME World
```

```
>> CMD ["python", "app.py"]
```

```
>> "@ | Out-File -FilePath Dockerfile -Encoding utf8
```

```
PS C:\Users\rohit\OneDrive\Desktop\my-docker-app> docker build -t my-python-app .
```

```
[+] Building 94.2s (8/8) FINISHED                                docker:default
=> [internal] load build definition from Dockerfile            0.0s
=> => transferring dockerfile: 236B                             0.0s
=> [internal] load metadata for docker.io/library/python:3.9   4.1s
=> [internal] load .dockerignore                               0.0s
=> => transferring context: 2B                                    0.0s
=> [1/4] FROM
docker.io/library/python:3.9@sha256:383d072c4b840507f25453c710969aa1e1d13e47731f294a8a8890e53f834 86.8s
=> => resolve
docker.io/library/python:3.9@sha256:383d072c4b840507f25453c710969aa1e1d13e47731f294a8a8890e53f834b 0.0s
=> => sha256:530d4ba717be787c0e2d011aa107edac6d721f8c06fe6d44708d4aa5e9bc5ec9 2.01kB / 2.01kB
0.0s
=> => sha256:e301b6ca47814a93ddd0420cffbe960bc5363a43d3e8644e53d547ffce16a7a5 7.33kB / 7.33kB 0.0s
=> => sha256:49b40be4436eff6fe463f6977159dc727df37cabe65ade75c75c1caa3cb0a234 64.14MB / 64.14MB
51.7s
=> => sha256:383d072c4b840507f25453c710969aa1e1d13e47731f294a8a8890e53f834bdf 1.86kB / 1.86kB
0.0s
=> => sha256:7bb465c2914923b08ae03b7fc67b92a1ef9b09c4c1eb9d6711b22ee6bbb46a00 49.55MB / 49.55MB
16.0s
```

```

=> => sha256:2b9b41aaa3c52ab268b47da303015b94ced04a1eb02e58860e58b283404974f4 24.05MB / 24.05MB
12.3s

=> => sha256:c558fac597f8ecbb7a66712e14912ce1d83b23a92ca8b6ff14eef209ab01aff2 211.12MB / 211.12MB
46.8s

=> => sha256:11402150a57e537c64dc69a28bba37f13acdedd50d8788894398a7b774786e7d 6.39MB / 6.39MB
18.7s

=> => extracting sha256:7bb465c2914923b08ae03b7fc67b92a1ef9b09c4c1eb9d6711b22ee6bbb46a00 4.7s

=> => sha256:d662c27d7e5762cd7807a257f6ec30067c714fdd9a9390836991830c0fbbbbb47 15.82MB / 15.82MB
27.5s

=> => extracting sha256:2b9b41aaa3c52ab268b47da303015b94ced04a1eb02e58860e58b283404974f4 1.2s

=> => sha256:26ff257bfcf12b2ad8a2527c7a42179ff6febdddde7064dec546ec0869a4627 242B / 242B 28.5s

=> => sha256:5a8f6c8c0bd20abb177c033e0a9dc88085bb9ae78d41671925372d005c7ca048 2.85MB / 2.85MB
30.7s

=> => extracting sha256:49b40be4436eff6fe463f6977159dc727df37cabe65ade75c75c1caa3cb0a234 7.4s

=> => extracting sha256:c558fac597f8ecbb7a66712e14912ce1d83b23a92ca8b6ff14eef209ab01aff2 23.8s

=> => extracting sha256:11402150a57e537c64dc69a28bba37f13acdedd50d8788894398a7b774786e7d 0.9s

=> => extracting sha256:d662c27d7e5762cd7807a257f6ec30067c714fdd9a9390836991830c0fbbbbb47 1.7s

=> => extracting sha256:26ff257bfcf12b2ad8a2527c7a42179ff6febdddde7064dec546ec0869a4627 0.0s

=> => extracting sha256:5a8f6c8c0bd20abb177c033e0a9dc88085bb9ae78d41671925372d005c7ca048 0.6s

=> [internal] load build context 0.0s

=> => transferring context: 294B 0.0s

=> [2/4] WORKDIR /app 0.5s

=> [3/4] COPY . /app 0.0s

PS C:\Users\rohit\OneDrive\Desktop\my-docker-app> docker build -t my-python-app .

[+] Building 2.6s (8/8) FINISHED docker:default

=> [internal] load build definition from Dockerfile 0.0s

=> => transferring dockerfile: 184B 0.0s

=> [internal] load metadata for docker.io/library/python:3.9 2.4s

=> [internal] load .dockerignore 0.0s

=> => transferring context: 2B 0.0s

=> [1/3] FROM
docker.io/library/python:3.9@sha256:383d072c4b840507f25453c710969aa1e1d13e47731f294a8a8890e53f834b 0.0s

=> [internal] load build context 0.0s

=> => transferring context: 209B 0.0s

=> CACHED [2/3] WORKDIR /app 0.0s

=> [3/3] COPY . /app 0.0s

=> exporting to image 0.1s

=> => exporting layers 0.0s

```

=> => writing image sha256:e89530292850fcec973c698e5c924f8828ad1bd75f7297828af1b62e69863e59 0.0s

=> => naming to docker.io/library/my-python-app 0.0s

What's Next?

View a summary of image vulnerabilities and recommendations → docker scout quickview

PS C:\Users\rohit\OneDrive\Desktop\my-docker-app> docker run -p 4000:80 my-python-app

Hello, Docker!

