

```
PS C:\Users\chuhl\Desktop\python-app> tree /f
```

```
Folder PATH listing
```

```
Volume serial number is 288A-E689
```

```
C:.
```

```
    app.py
```

```
    Dockerfile
```

```
No subfolders exist
```

```
PS C:\Users\chuhl\Desktop\python-app> cat app.py
```

```
print("Hello, Docker!")
```

```
PS C:\Users\chuhl\Desktop\python-app> cat Dockerfile
```

```
FROM python:3.10-slim
```

```
WORKDIR /app
```

```
COPY app.py .
```

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

```
PS C:\Users\chuhl\Desktop\python-app>
```

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

```
[+] Building 1.0s (8/8) FINISHED
```

```
docker:desktop-linux
```

```
=> [internal] load build definition from Dockerfile
```

```
0.0s
```

```
=> => transferring dockerfile: 121B
```

```
0.0s
```

```
=> [internal] load metadata for docker.io/library/python:3.10-slim
```

```
0.6s
```

```
=> [internal] load .dockerignore
```

```
0.0s
```

```
=> => transferring context: 2B
```

```
0.0s
```

```
=> [1/3] FROM docker.io/library/python:3.10-slim@sha256:c299e10e0070171113f9a1f109dd05e7e634fa94589b056e0e87bb22b2b382a2
```

```
0.0s
```

```
=> => resolve docker.io/library/python:3.10-slim@sha256:c299e10e0070171113f9a1f109dd05e7e634fa94589b056e0e87bb22b2b382a2
```

```
0.0s
```

```
=> [internal] load build context
```

```
0.0s
```

```
=> => transferring context: 61B
```

```
0.0s
```

```
=> CACHED [2/3] WORKDIR /app
```

```
0.0s
```

```
=> [3/3] COPY app.py .
```

```
0.0s
```

```
=> exporting to image
```

```
0.2s
```

```
=> => exporting layers
```

```
0.1s
```

```
=> => exporting manifest sha256:d187ddeaff2bec9f6482e3bef251297e09f78a402e66959e77a5f42fd7983433
```

```
0.0s
```

```
=> => exporting config sha256:9f5c27c32ce27b95c6678a1ecf816f18672589fd83fe2d0ee93055a479cab22d
```

```
0.0s
```

```
=> => exporting attestation manifest sha256:062343df4acc2e6d57842933af2b5c1210bfa8d5982f1ac61d06aef1b896b9d7
```

```
0.0s
```

```
=> => exporting manifest list sha256:3e71f4ae5d18ce559f4acbfcb6b0a1fcb613c2b5dba2330e24cb823544bd04ab3
```

```
0.0s
```

```
=> => naming to docker.io/library/my-python-app:latest
```

```
0.0s
```

```
=> => unpacking to docker.io/library/my-python-app:latest
```

```
0.0s
```

```
View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/6s8bnmilci2h3sojzonxskmfo
```

```
PS C:\Users\chuhl\Desktop\python-app> docker run my-python-app
```

```
Hello, Docker!
```

```
PS C:\Users\chuhl\Desktop\python-app>
```