# Application Development and Deployment Architecture

Digital Assignment - 5

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#### **DOCKER**

#### → Make a folder

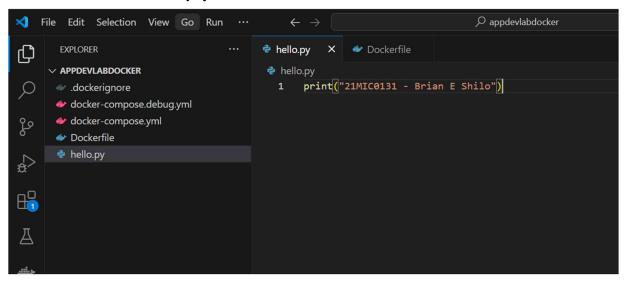
```
Microsoft Windows [Version 10.0.22631.3155]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Brian>cd Downloads

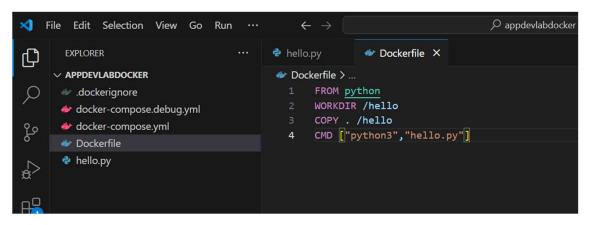
C:\Users\Brian\Downloads>mkdir appdevlabdocker

C:\Users\Brian\Downloads>cd appdevlabdocker
```

# → Create hello.py



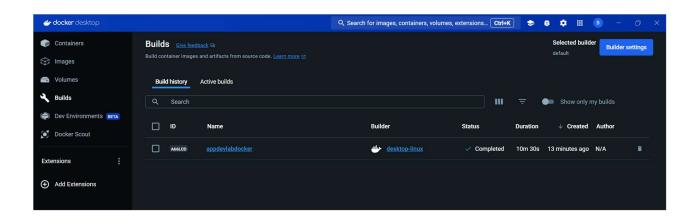
#### → Create docker file

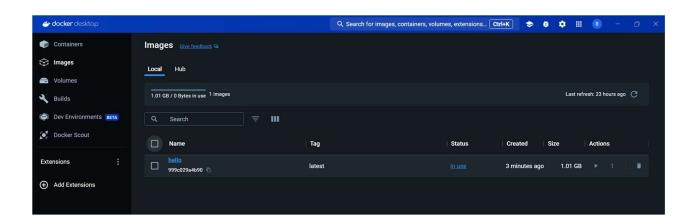


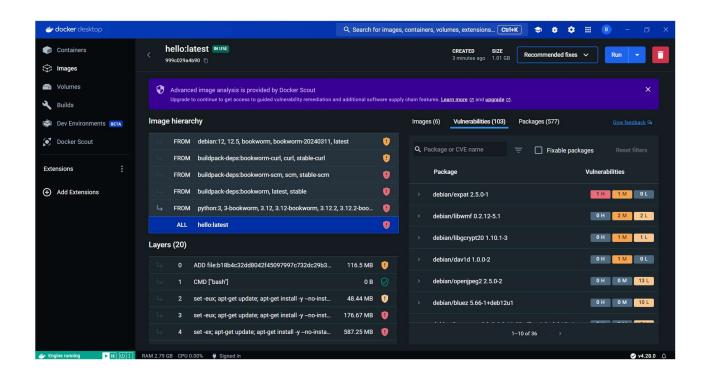
# → Run command:

docker build -t hello.

# Ensure docker desktop is running



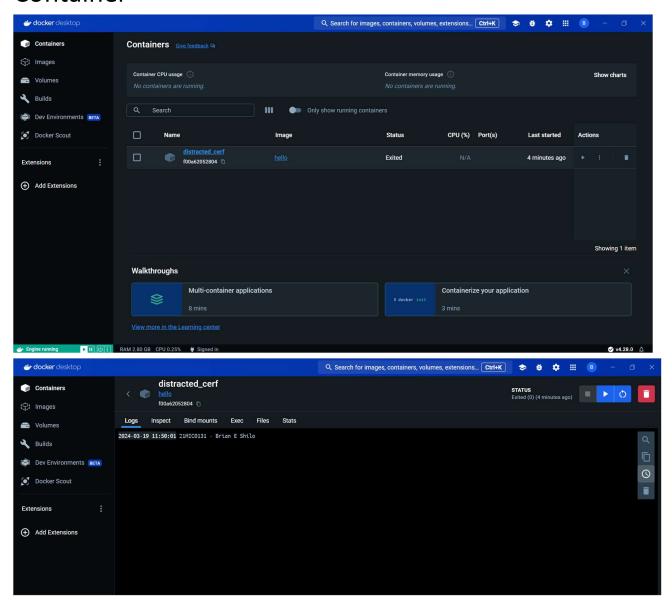




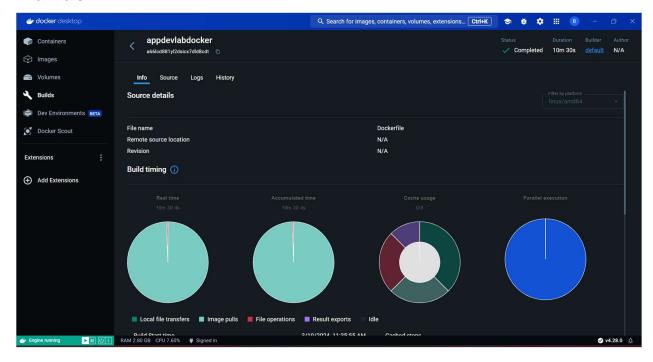
#### Run docker file

C:\Users\Brian\Downloads\appdevlabdocker>docker run hello
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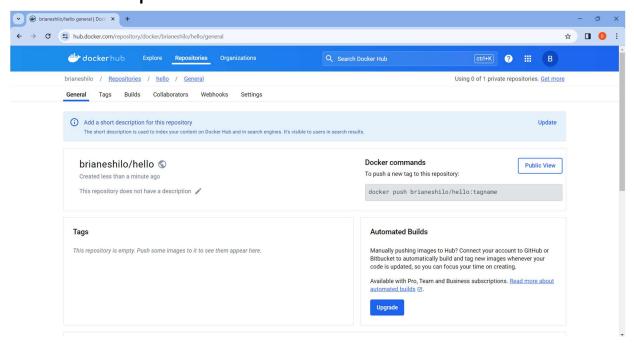
#### Container



#### **Builds**



## Create a repo on docker hub



## Push image

# Pull image

```
C:\Users\Brian\Downloads\appdevlabdocker>docker pull brianeshilo/hello:hello
hello: Pulling from brianeshilo/hello
Digest: sha256:1439e9fced02caeb1d43eab8345e4e9533fd7481ed581b6ac86424cba40099e3
Status: Image is up to date for brianeshilo/hello:hello
docker.io/brianeshilo/hello:hello

What's Next?
View a summary of image vulnerabilities and recommendations > docker scout quickview brianeshilo/hello:hello
C:\Users\Brian\Downloads\appdevlabdocker>
```

# Checking for image and running it

C:\Users\Brian\Downloads\appdevlabdocker>docker run brianeshilo/hello:hello 21MIC0131 - Brian E Shilo

C:\Users\Brian\Downloads\appdevlabdocker>

