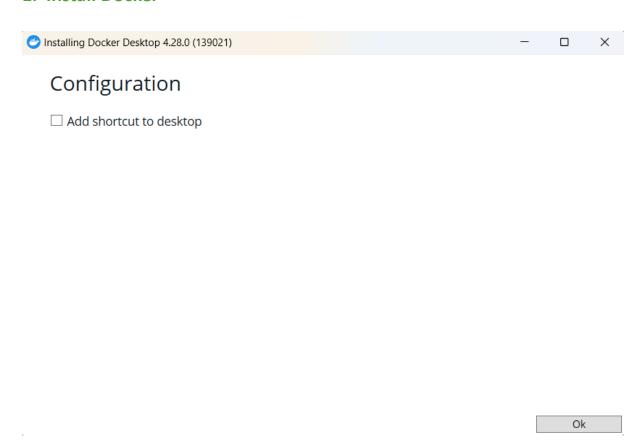
## **GitHub link:**

https://github.com/Cikky0209/SIT323 ZeyuChen.git

## **Instructions:**

1. Install Docker





## Docker Desktop 4.28.0

#### Unpacking files...

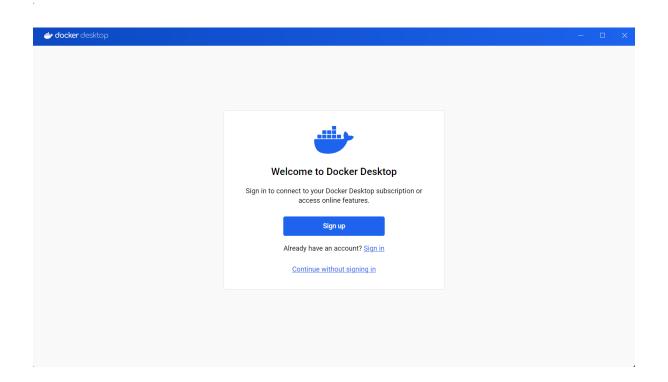
Unpacking file: resources/docker-desktop.iso

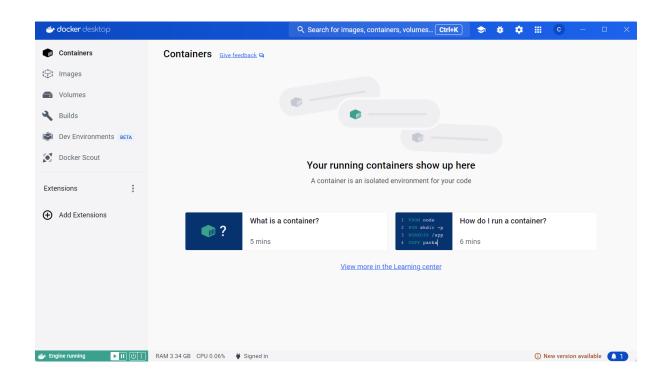
Unpacking file: resources/ddvp.ico

Unpacking file: resources/config-options.json Unpacking file: resources/componentsVersion.json Unpacking file: resources/bin/docker-compose

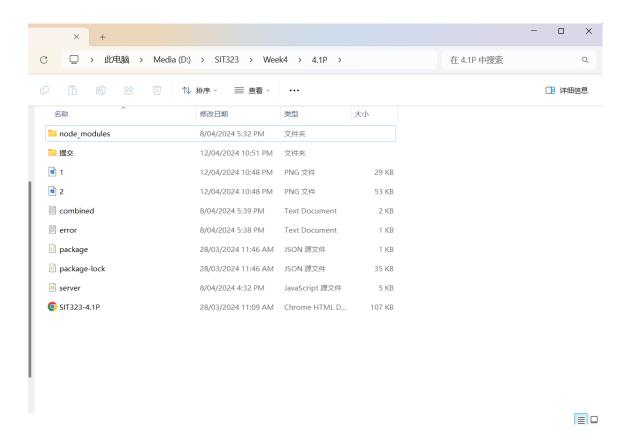
Unpacking file: resources/bin/docker Unpacking file: resources/.gitignore Unpacking file: InstallerCli.pdb Unpacking file: InstallerCli.exe.config

Unpacking file: frontend/vk\_swiftshader\_icd.json Unpacking file: frontend/v8\_context\_snapshot.bin Unpacking file: frontend/snapshot\_blob.bin

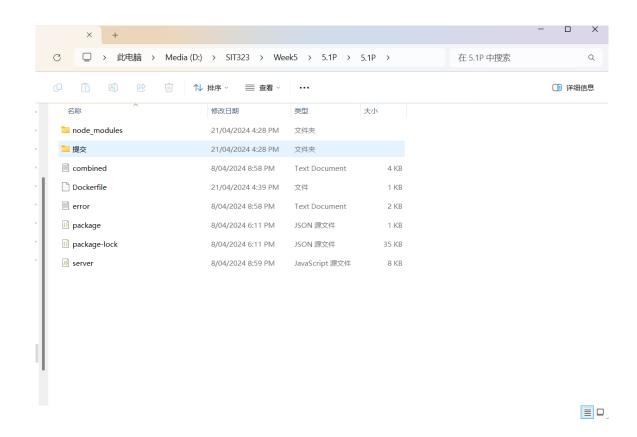




# 2. Clone the sample web application (clone for the 4.1P calculator application)



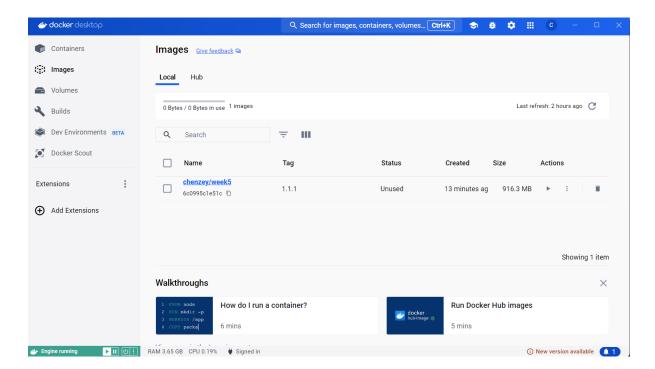
(4.1P folder)



(5.1P folder)

#### 3. Create a Dockerfile

#### 4. Build Docker image





## 5. Create a Docker Compose file

#### 6. Start the Docker Compose environment

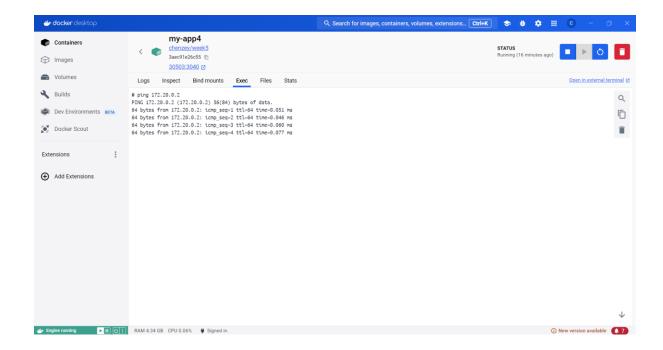
```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS D:\SIT323\week5\5.1P\5.1P> docker compose up

[+] Running 3/3

/ Network 51p_my-net Created
/ Container my-app4 Created
/ Container my-app5 Created
/ Container my-app3 Created
Attaching to my-app3, my-app4
my-app3 | hello i'm listening to port3040
my-app4 | hello i'm listening to port3040
my-app4 | hello i'm listening to port3040
```

#### 7. Test the application



### 8. Push the Docker image to a registry

