Task: Build Dockerfile to Docker Image

1. Created a simple Golang project that serves HTTP requests.

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                                                                                                                                                                      EXPLORER

V MY-WISE-WORD-TASK-2
                                                        ∞ main.go ×
                                      ∞ main.go > ۞ main
1 package main
omain.go
                                        func handler(w http.ResponseWriter, r *http.Request) {

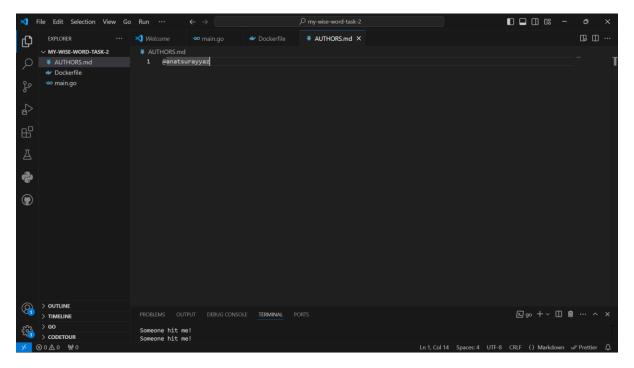
fmt.Println(w, "<h1>"The only limit to our realization of tomorrow is our doubts of today."</h1>")

fmt.Println("Someone hit me!")

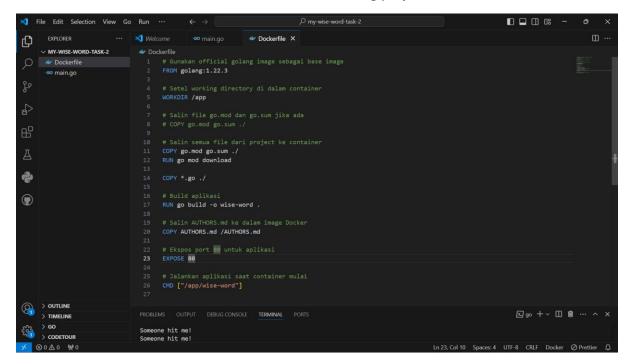
}
                                        12
13 func main() {
14 | http.HandleFunc("/", handler)
15 | fmt.Println("Starting server on :80")
16 | http.ListenAndServe(":80", nil)
17 }
*
(1)
                                       PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
                                                                                                                                                                       ☑ go + ~ □ 🛍 ··· ^ ×
                                        PS C:\ana's files\UPLOAD REPOSITORY GIT\my-wise-word-task-2> go run main.go
> OUTLINE > TIMELINE
     → C ① localhost
```

[&]quot;The only limit to our realization of tomorrow is our doubts of today."

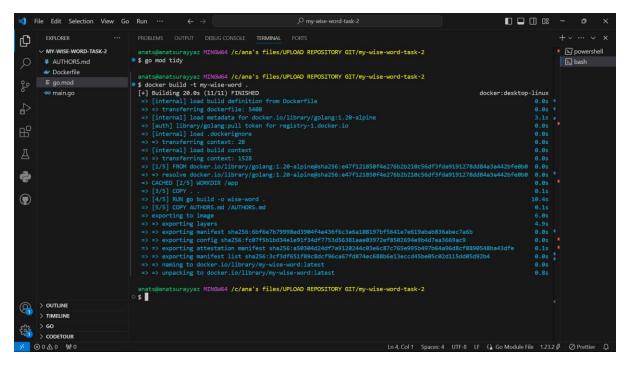
2. Added a new file, "AUTHORS.md," in the Golang project and included my GitHub username, "@anatsurayyaz."



3. Created a Dockerfile to build and run the Golang project.

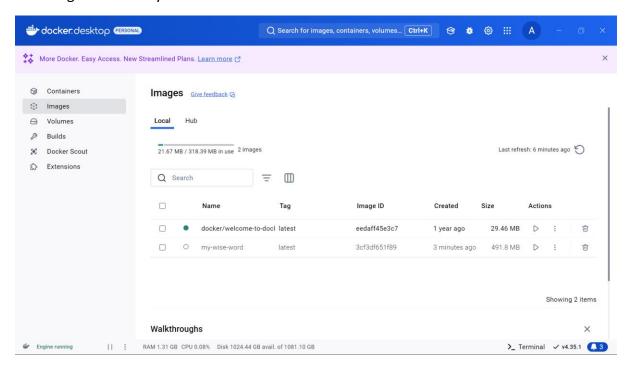


- 4. Built the Docker image using the following command:
- ⇒ docker build -t my-wise-word .

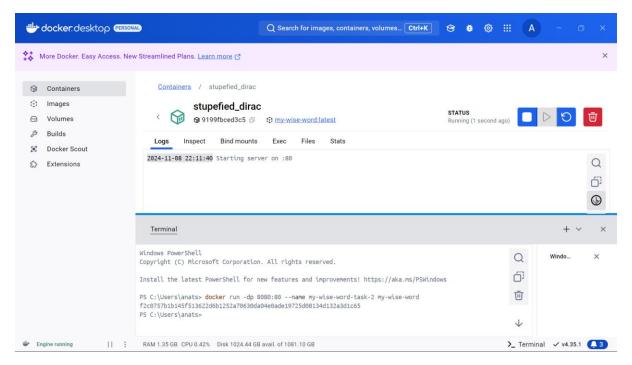


- 5. Verified the image was successfully added by listing Docker images:

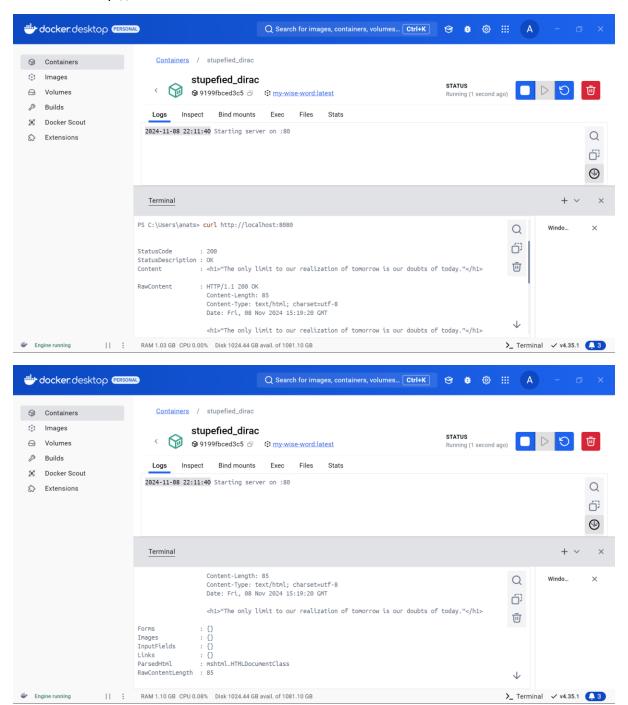
The image successfully added



- 6. Ran a new container with the name "my-wise-word-task-2" using the command:



- 7. Exposed the application on host port 8080 and verified it with:
- ⇒ curl http://localhost:8080



8. Displayed the logs of the "my-wise-word-task-2" container to check for activity and confirm the application is running as expected.

