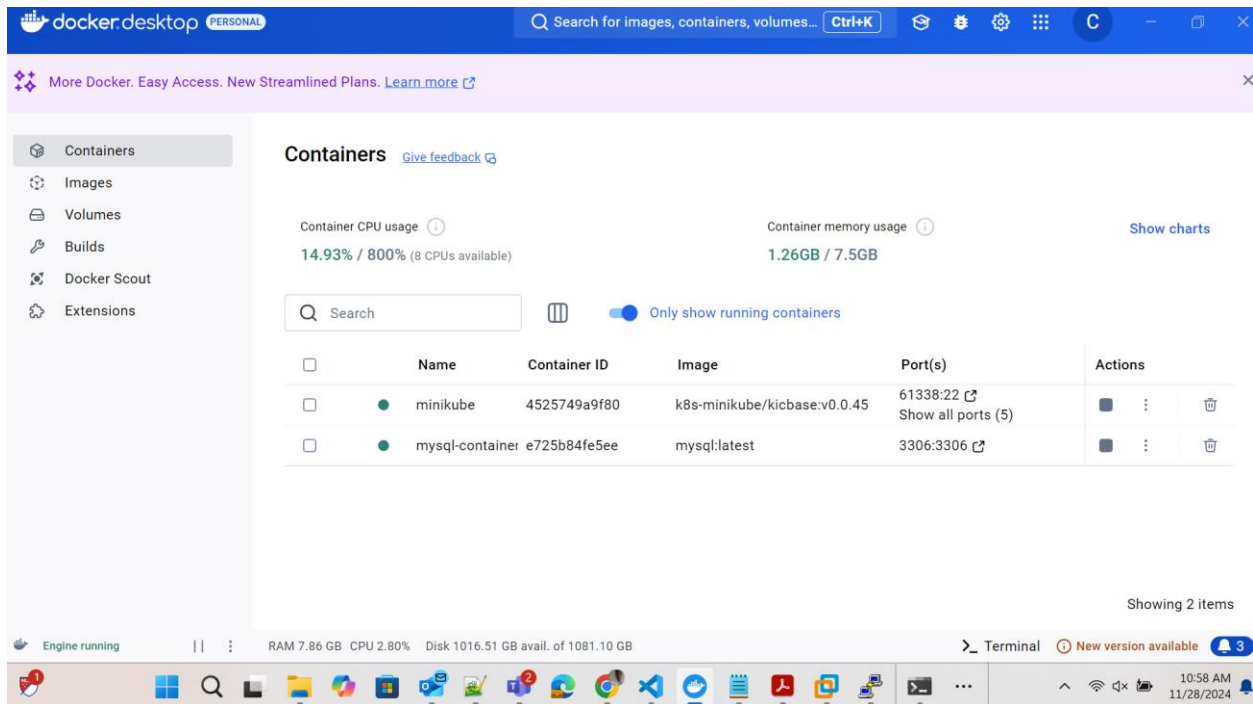


My Sql db is running as docker container



DB Creation with New table

```
C:\Users\Hi\Documents\Code\go\src\github.com\charithsrng\test\WINP2000_M06\Week13>docker run --name mysql-container -e MYSQL_ROOT_PASSWORD=Welcome123 -d -p 3306:3306 mysql:latest
e725b84fe5ee6645ad809d589aae71c5ba4d938a9cf3913b2205e0c3327e53b4

C:\Users\Hi\Documents\Code\go\src\github.com\charithsrng\test\WINP2000_M06\Week13>docker exec -it mysql-container mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 14
Server version: 9.1.0 MySQL Community Server - GPL

Copyright (c) 2000, 2024, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

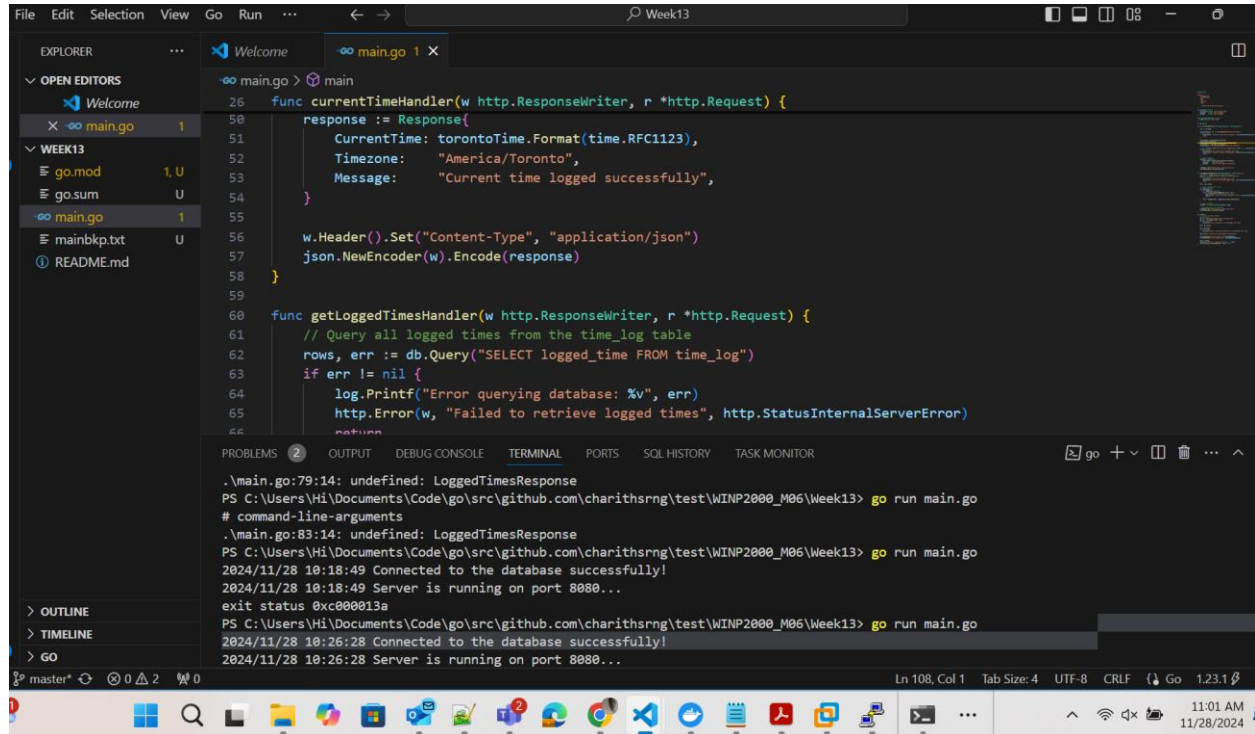
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
mysql>
mysql> CREATE DATABASE Test;
Query OK, 1 row affected (0.01 sec)

mysql> USE Test;
Database changed
mysql> CREATE TABLE time_log (
  ->   id INT AUTO_INCREMENT PRIMARY KEY,
  ->   logged_time DATETIME NOT NULL
  -> );
Query OK, 0 rows affected (0.04 sec)

mysql>
```

Run Go application Locally



```
File Edit Selection View Go Run ... Week13

EXPLORER
  OPEN EDITORS
    Welcome
    main.go 1
  WEEK13
    go.mod 1, U
    go.sum U
    main.go 1
    mainbp.txt U
    README.md

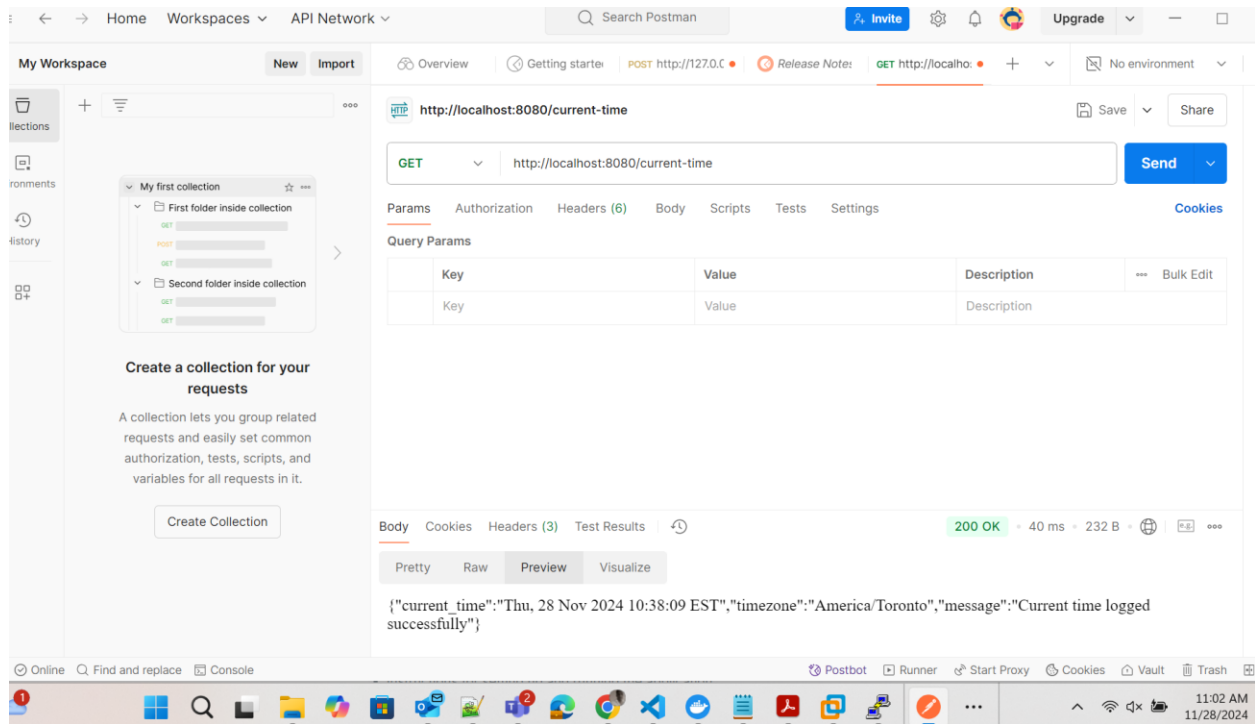
main.go
26 func currentTimeHandler(w http.ResponseWriter, r *http.Request) {
50     response := Response{
51         CurrentTime: torontoTime.Format(time.RFC1123),
52         Timezone:     "America/Toronto",
53         Message:      "Current time logged successfully",
54     }
55
56     w.Header().Set("Content-Type", "application/json")
57     json.NewEncoder(w).Encode(response)
58 }
59
60 func getLoggedTimesHandler(w http.ResponseWriter, r *http.Request) {
61     // Query all logged times from the time_log table
62     rows, err := db.Query("SELECT logged_time FROM time_log")
63     if err != nil {
64         log.Printf("Error querying database: %v", err)
65         http.Error(w, "Failed to retrieve logged times", http.StatusInternalServerError)
66     }
67 }

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL PORTS SQL HISTORY TASK MONITOR
go + - - - - -

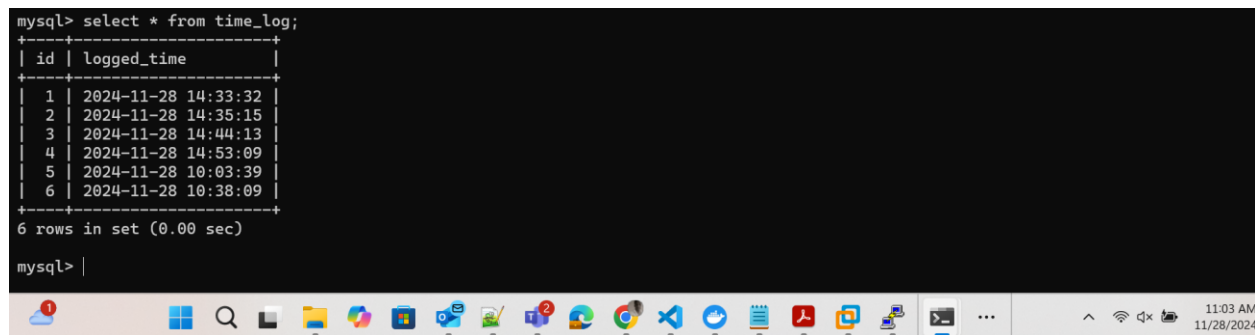
.\main.go:79:14: undefined: LoggedTimesResponse
PS C:\Users\Hi\Documents\Code\go\src\github.com\charithsrng\test\WINP2000_M06\Week13> go run main.go
# command-line-arguments
.\main.go:83:14: undefined: LoggedTimesResponse
PS C:\Users\Hi\Documents\Code\go\src\github.com\charithsrng\test\WINP2000_M06\Week13> go run main.go
2024/11/28 10:18:49 Connected to the database successfully!
2024/11/28 10:18:49 Server is running on port 8080...
exit status 0xc000013a
PS C:\Users\Hi\Documents\Code\go\src\github.com\charithsrng\test\WINP2000_M06\Week13> go run main.go
2024/11/28 10:26:28 Connected to the database successfully!
2024/11/28 10:26:28 Server is running on port 8080...

Ln 108, Col 1 Tab Size: 4 UTF-8 CRLF Go 1.23.1
```

API Calls with Postman



Data updated in DB



Git Hub Link

<https://github.com/charithsrng/Week13>