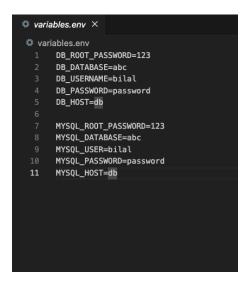
Challenge 3:

- Step 1: Make a docker-compose.yml file in the root of the project directory
- Step 2: Make a variables.env file at the same location as the .yml file from step 1.
- Step 3: Set environment variables for mariadb as shown below.



Important to set DB_HOST and MSQL_HOST to db, all other fields can be set to whatever you like but make sure DB and MYSQL respective variables are matching i.e. DB_ROOT_PASSWORD is the same as MYSQL_ROOT_PASSWORD etc.

Step 4: In the docker-compose.yml initialize the version to 3 and then begin initializing services like so

```
version: '3'

services:
4
```

Step 5: Next we want to create 3 services called nginx, node-service and db

Step 6: Build nginx service following the steps below

Image: nginx:latest Restart: always

Ports:

- "8080:80"

Volumes:

- ./nginx:/etc/nginx/conf.d

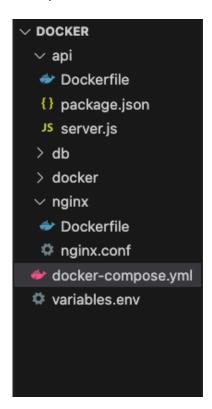
Depends_on:

- node-service

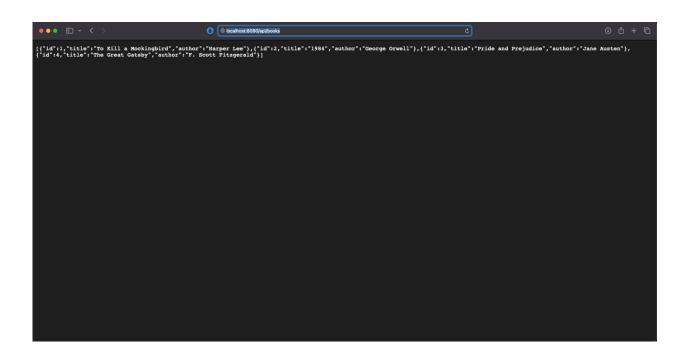
Step 7: Build node-service

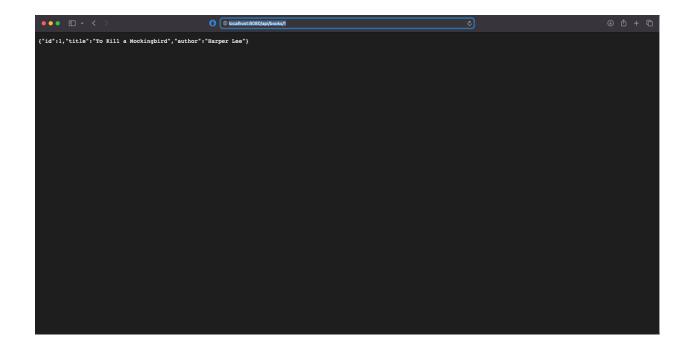
Step 8: Build db service

Step 9: It is important that the directory is like this



Here is the working api requests





Challenge 4:

Simply a scale of 3 to node-service and comment out the ports like this