Cloud Systems HW.1

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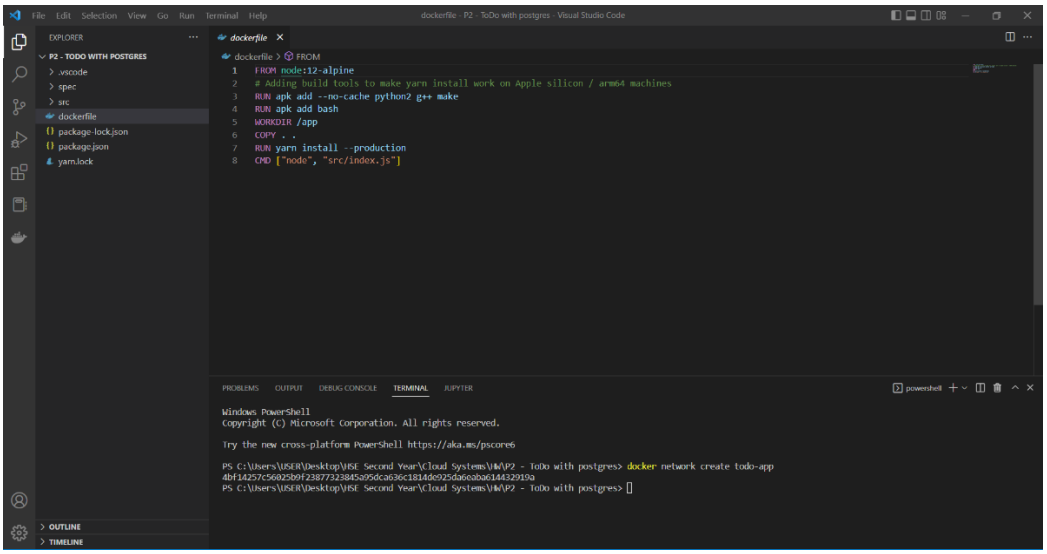
GitHub Link: https://github.com/Saya14798/Cloud-Systems-Homework-1

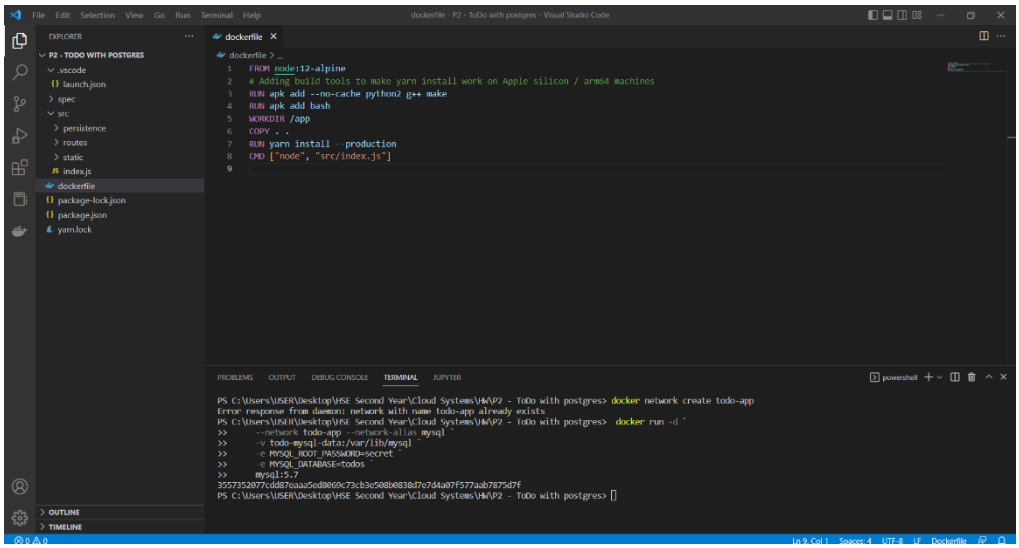
A. Part 7:

1.Starting MySQL:

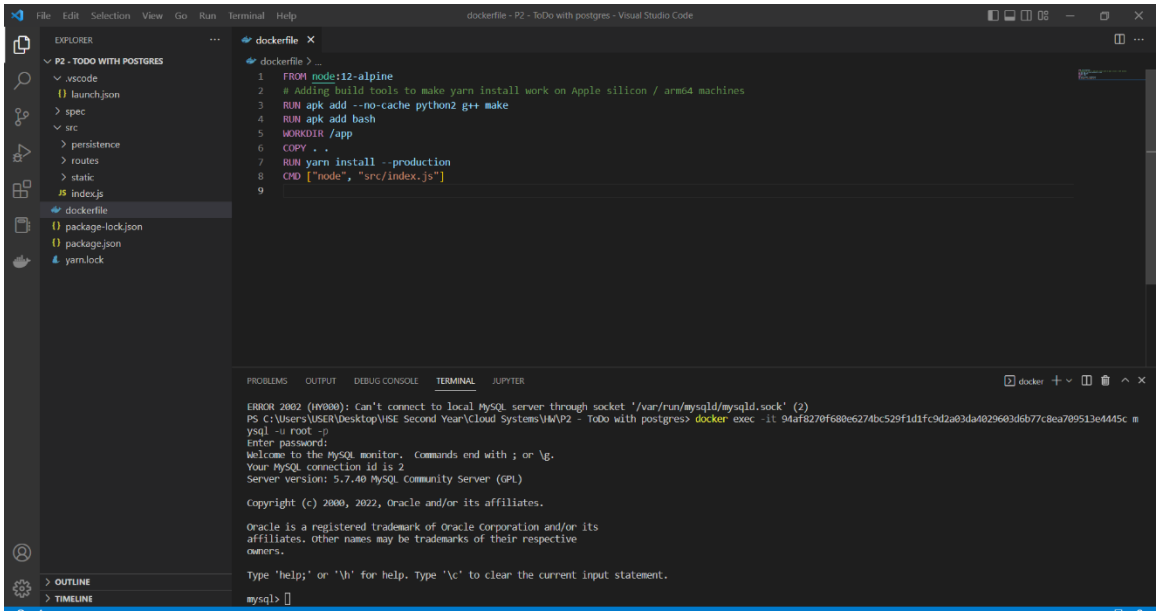
1.1Creating the network.

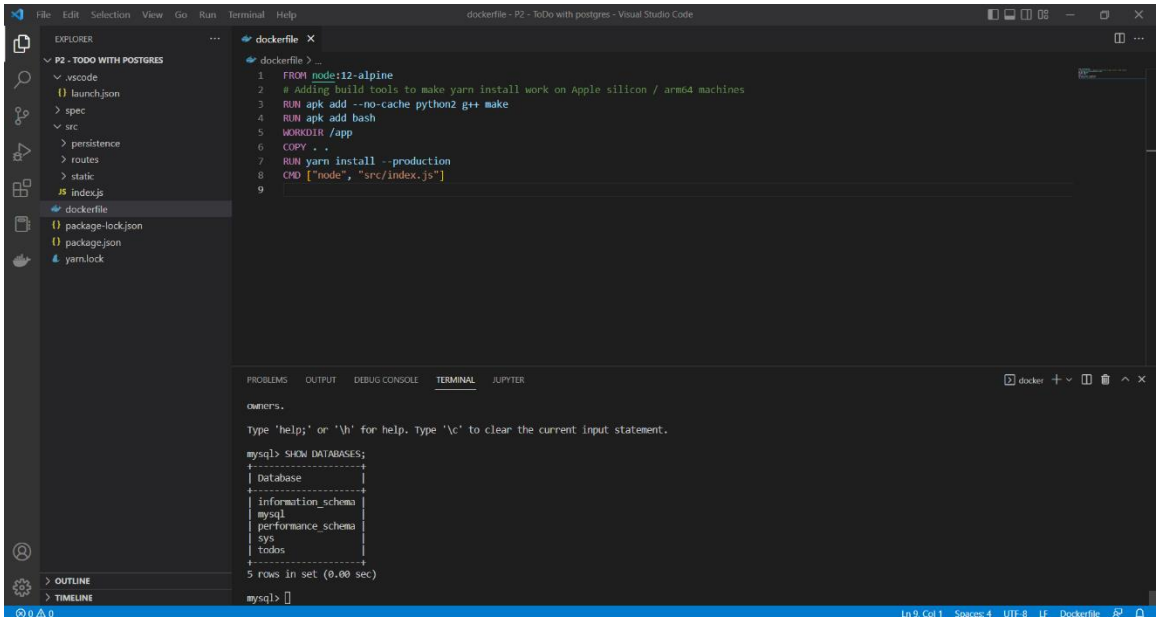


1.2Starting a MySQL container and attach it to the network.



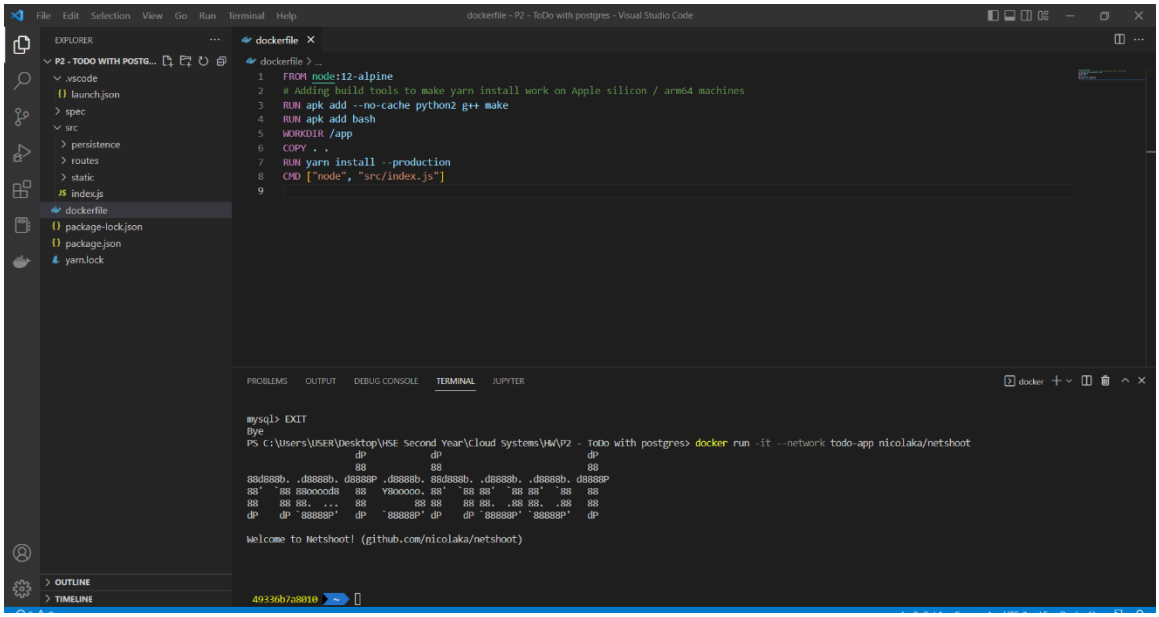
1.3confirming that I have the database up and it is running.



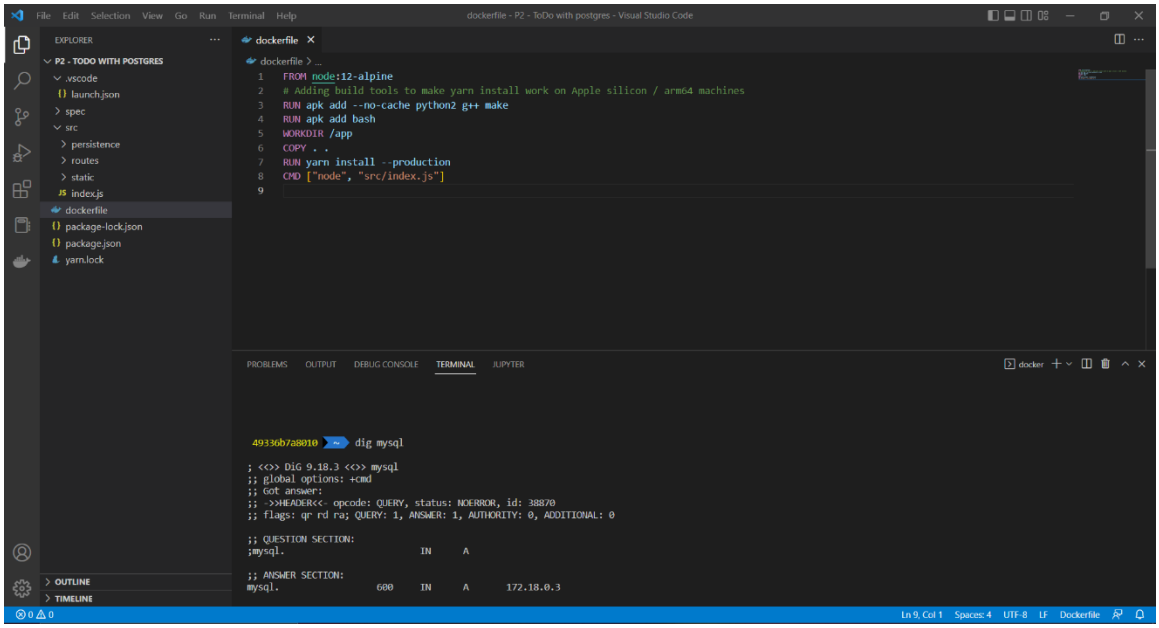


2. Connecting to MySQL:

2.1 Starting a new container using the nicolaka/netshoot image.

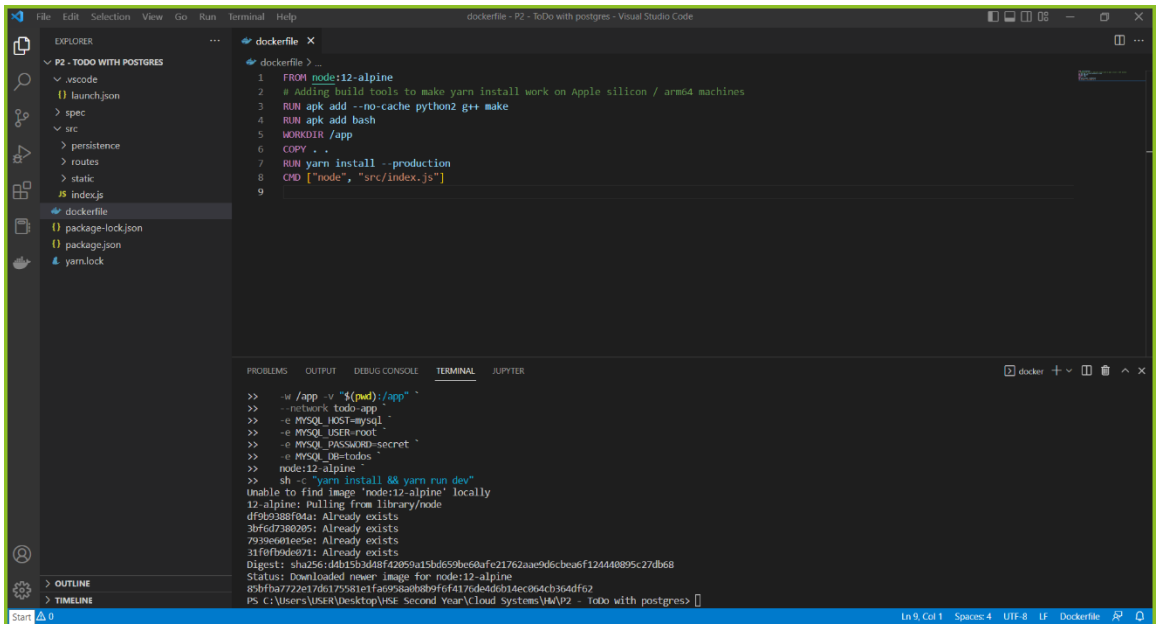


2.2 using dig command.

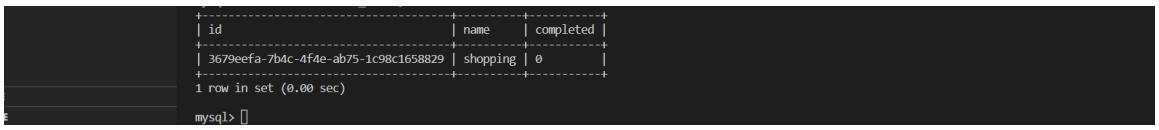


3. Running my app with MySQL:

3.1 specifying each of the environment variables, connecting the container to my app network.

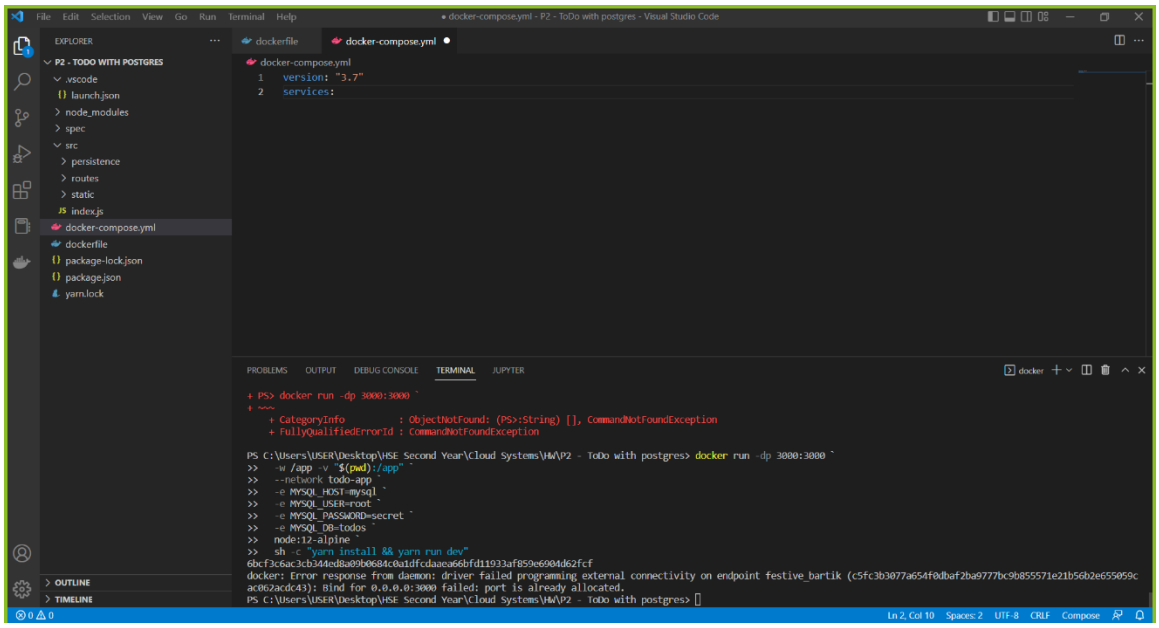


3.2 Connecting to the mysql database and proving that the items are being written to the database, after writing one row (shopping).

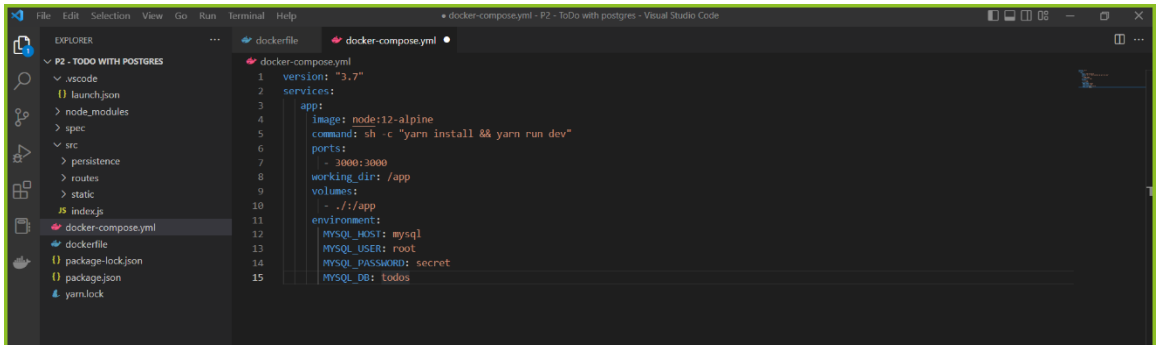


B. Part 8:

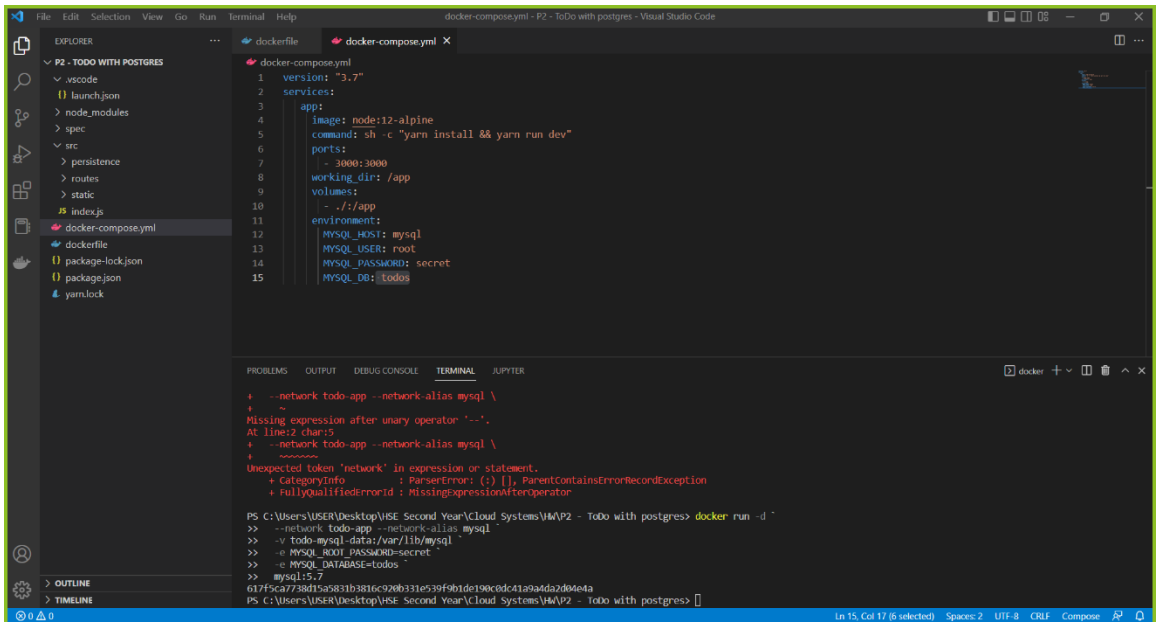
1. Defining the app service after creating the compose file and installing Docker Compose:

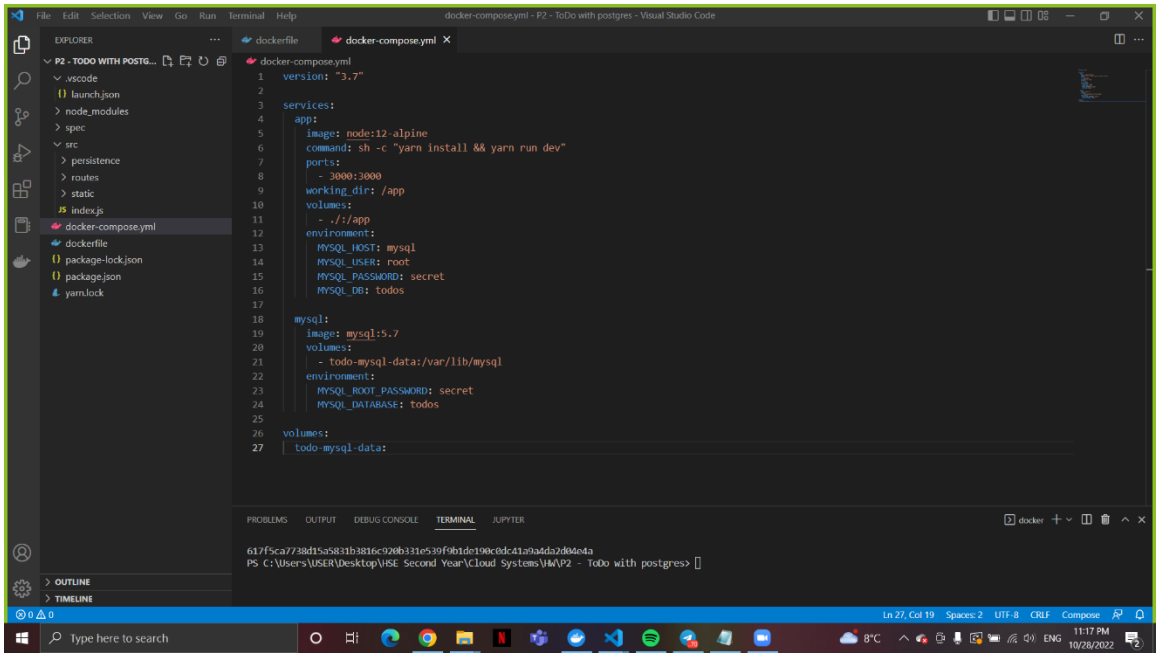


2. defining the service entry and the image for the container and migrating both the working directory, also migrating the environment variable definitions using the (environment key).

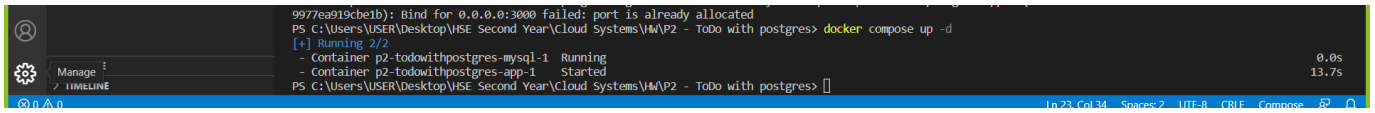


3. Defining the MySQL service.

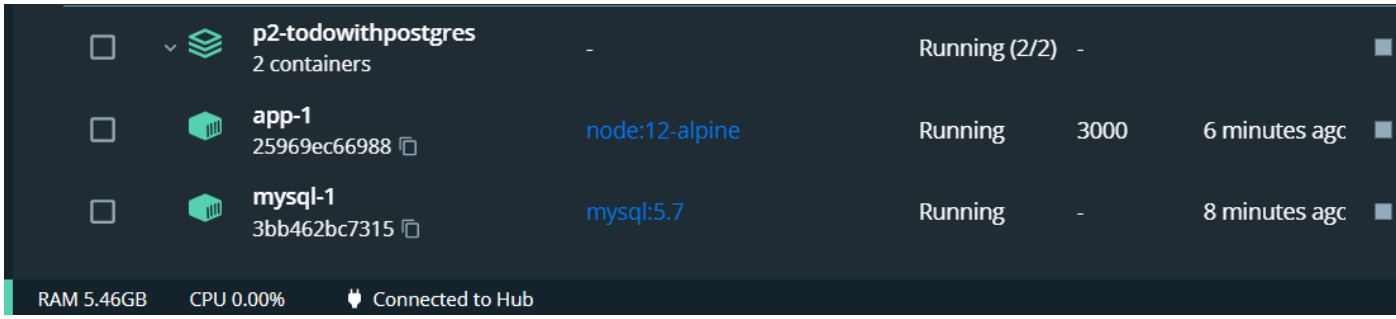




3. Running the application stack.



4. checking the app stack in Docker Dashboard.



Regards,