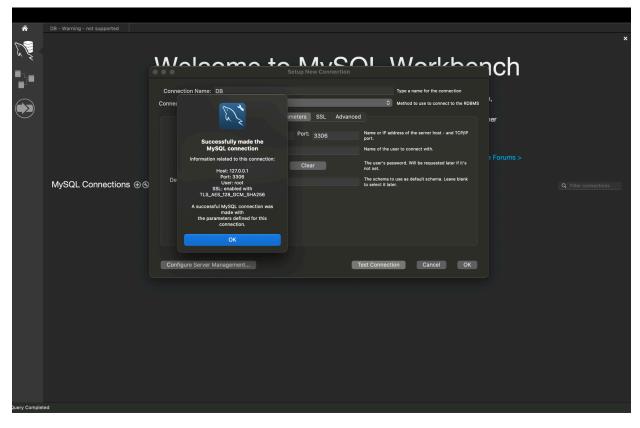
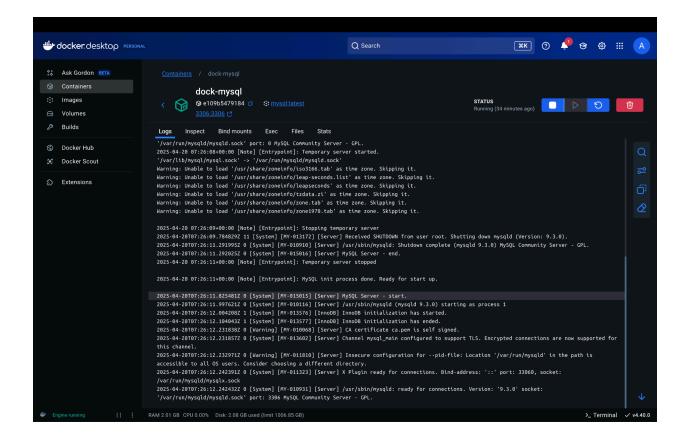
Assignment 2

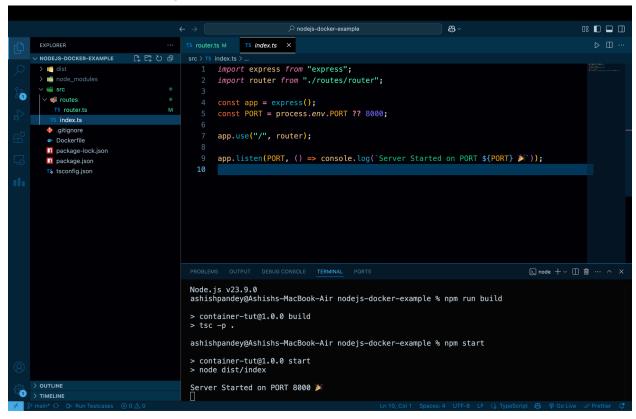
a. Create a Container with PostgresDB or mySQL database installed (5 Marks)

```
ashishpandey@Ashishs-MacBook-Air Developer % docker run --name dock-mysql -p 3306:3306 -e MYSQL_ROOT_PASSWORD=my-secret-pw -d mysql Unable to find image 'mysql:latest' locally latest: Pulling from library/mysql fa07288abb8b: Pull complete ecs8f39a1086c: Pull complete ec6f7d8b9ec0f: Pull complete e040ce28ec2e: Pull complete 638509fc8b3b: Pull complete 638509fc8b3b: Pull complete
 12e5c634f2aa: Pull complete
247c3cfdb546: Pull complete
077c1fe576aa: Pull complete
86ee65fddcb9: Pull complete
 289ebc772938: Pull complete
 Digest: sha256:7839322bd6c3174a699586c3ea36314c59b61b4ce01b4146951818b94aef5fd7
Status: Downloaded newer image for mysql:latest e109b54791840684e07bff2b3d2010ca0dc675c3561f372f4982338e9f422ea3
 ashishpandey@Ashishs-MacBook-Air Developer % 📗
ashishpandey@Ashishs-MacBook-Air Developer % docker ps
CREATED CREATED
CONTAINER ID IMAGE
e109b5479184 mysql
 CONTAINER ID IMAGE COMMAND
e109b5479184 mysql "docker-entrypoint.s..."
ashishpandey@Ashishs-MacBook-Air Developer %
                                                                                                                   STATUS
                                                                                                                                                                                                              NAMES
                                                                                      34 seconds ago
                                                                                                                                               0.0.0.0:3306->3306/tcp, 33060/tcp
                                                                                                                   Up 33 seconds
                                                                                                                                                                                                            dock-mysql
```

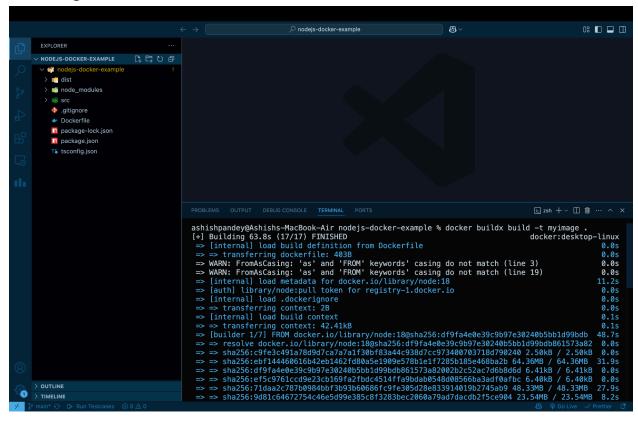




- b. Deploy VReqST A requirement specification tool in a container (20 marks).
 - 1) Code running outside container:



2) Building new container:



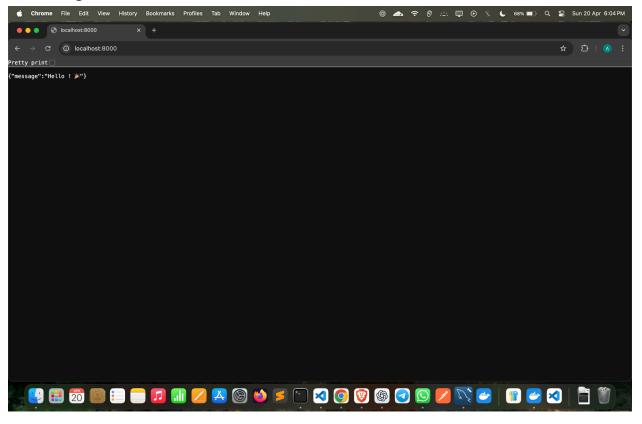
3) Started serving the code inside the container:

```
ashishpandey@Ashishs-MacBook-Air nodejs-docker-example % docker run -it -p 8000:8000 myimage
> container-tut@1.0.0 start
> node dist/index

Server Started on PORT 8000 

Server Started o
```

4) Running from container:



5) List of images:

