After it have started the container and returns me the terminal prompt. To verify the containers is running we can use "docker ps" command in the terminal (MAC OS).
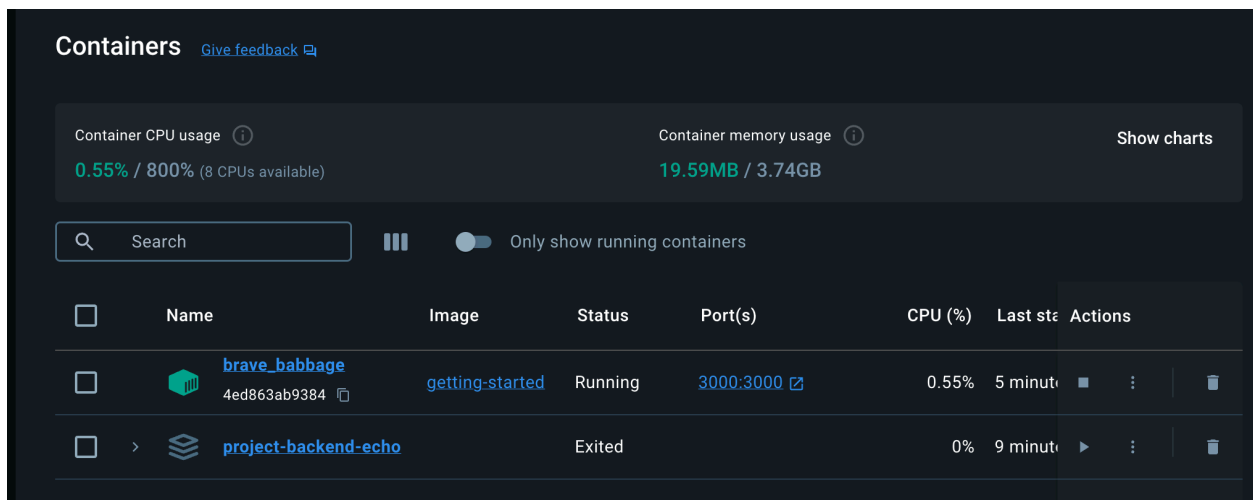

Also, we can verify in the docker dashboard.

Then we can click on the Ports showed in the docker dashboard or just open the browser to the localhost in the port 3000.
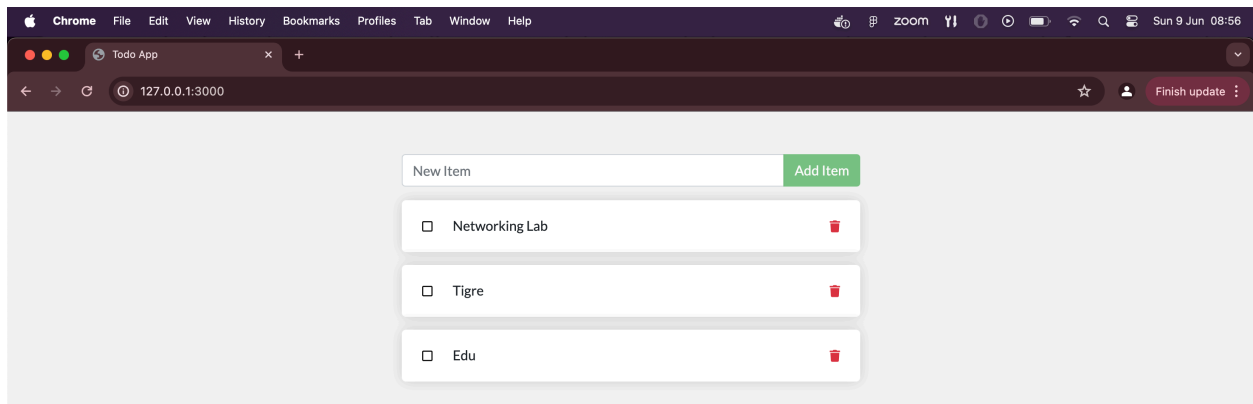
After update the app.js
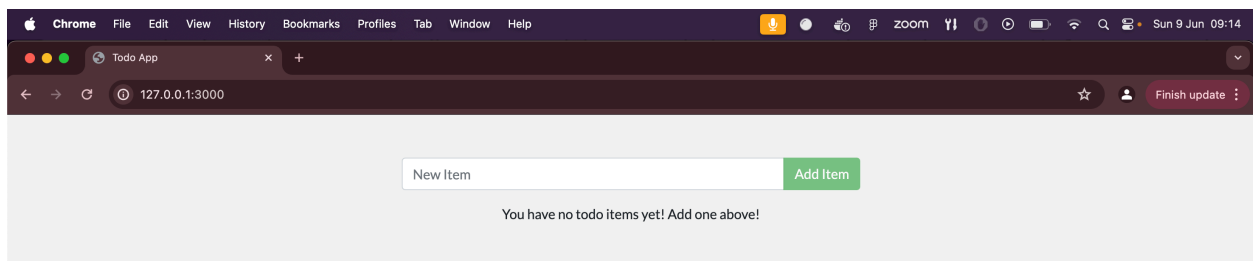
Diving deep into the volume, we can know where the Docker is storing using the command "docker volume inspect todo-db" and the Mountpoint is the root of the location of the data on the disk.

```
eduardoojeda@Eduardos-MacBook-Air getting-started-app % docker volume inspect todo-db
[
    {
        "CreatedAt": "2024-06-09T21:26:00Z",
        "Driver": "local",
        "Labels": null,
        "Mountpoint": "/var/lib/docker/volumes/todo-db/_data",
        "Name": "todo-db",
        "Options": null,
        "Scope": "local"
    }
]
eduardoojeda@Eduardos-MacBook-Air getting-started-app %
```

At this point we created a Networking and a container for the db.

```
zsh: command not found: nodemon
eduardoojeda@Eduardos-MacBook-Air Redes-Dockers-Lab % docker network ls
NETWORK ID      NAME                          DRIVER     SCOPE
f10e2af9d8c7    bridge                        bridge     local
fdaa4af8f362    host                          host       local
f0c9c0a3d07a    none                          null       local
d3f53d52a1af    project-backend-echo_default  bridge     local
eff4d0e893ef    todo-app                      bridge     local
eduardoojeda@Eduardos-MacBook-Air Redes-Dockers-Lab % docker container ls
CONTAINER ID    IMAGE            COMMAND                CREATED         STATUS          PORTS                      NAMES
f09205ed66c6    mysql:8.0        "docker-entrypoint.s…" 21 minutes ago  Up 21 minutes   3306/tcp, 33060/tcp        friendly
mann
5409b9443ab0    getting-started  "docker-entrypoint.s…" 2 days ago      Up 22 minutes   127.0.0.1:3000->3000/tcp   eloquent
f
4a9f568a6b7a    adminer          "entrypoint.sh php -…" 3 weeks ago     Up 29 minutes   0.0.0.0:8181->8080/tcp     adminer
ccb89113fe19    arm64v8/postgres "docker-entrypoint.s…" 3 weeks ago     Up 29 minutes   0.0.0.0:5432->5432/tcp     database
eduardoojeda@Eduardos-MacBook-Air Redes-Dockers-Lab %
                                                                                          Go Live         Ninja
```

Finally, after setting up the compose with the .yaml we can run the container and automatically it will create the volume and the network.

```
eduardoojeda@Eduardos-MacBook-Air getting-started-app % docker compose up
[+] Running 2/0
 ✔ Container getting-started-app-mysql-1   Running                                                         0
 ✔ Container getting-started-app-app-1     Running                                                         0
Attaching to app-1, mysql-1

  Gracefully stopping... (press Ctrl+C again to force)
[+] Stopping 2/2
 ✔ Container getting-started-app-mysql-1   Stopped                                                         3
 ✔ Container getting-started-app-app-1     Stopped                                                         0
canceled
eduardoojeda@Eduardos-MacBook-Air getting-started-app % docker container ls
CONTAINER ID    IMAGE            COMMAND                CREATED        STATUS          PORTS                    NAMES
4a9f568a6b7a    adminer          "entrypoint.sh php -…" 3 weeks ago    Up 52 minutes   0.0.0.0:8181->8080/tcp   adminer
ccb89113fe19    arm64v8/postgres "docker-entrypoint.s…" 3 weeks ago    Up 52 minutes   0.0.0.0:5432->5432/tcp   database
eduardoojeda@Eduardos-MacBook-Air getting-started-app %
```