Task 1: Proved that Docker volumes persist MySQL data even if containers are deleted.

☐ You created a DB and tal

☐ You removed the container.

☐ You started a new container with the same volume.

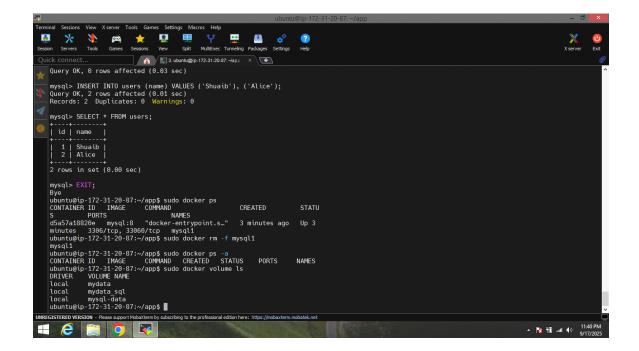
☐ Data was still there.

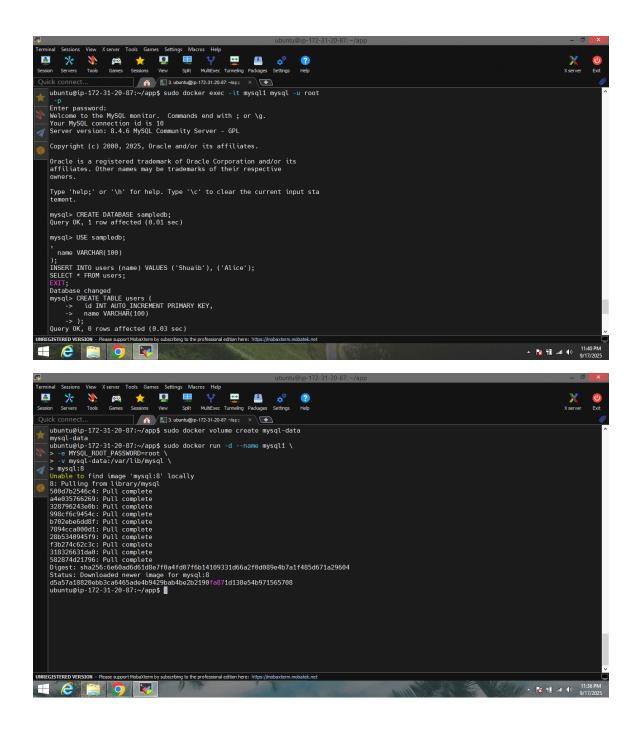
Learning locked in:

Containers are ephemeral (can be deleted anytime).

Volumes are persistent (stay until you explicitly remove them).

Env variables like `MYSQL_ROOT_PASSWORD` only matter on *first initialization* of an empty volume.





```
| Comparing | Comp
```

Task 2: fully understood how to:

Start a container with a bind mount

Modify your app on the host and see changes reflected instantly inside the container

Stop (`CTRL+C`) and re-run the app

Re-enter a container after exit using 'docker start -ai' or 'docker exec -it'

☐ Learning locked in:

Bind mounts = best for development (live sync with your local code).

Named volumes = best for persistent storage (DBs, app data), but don't sync host changes.

You now know how to jump back into containers anytime.

