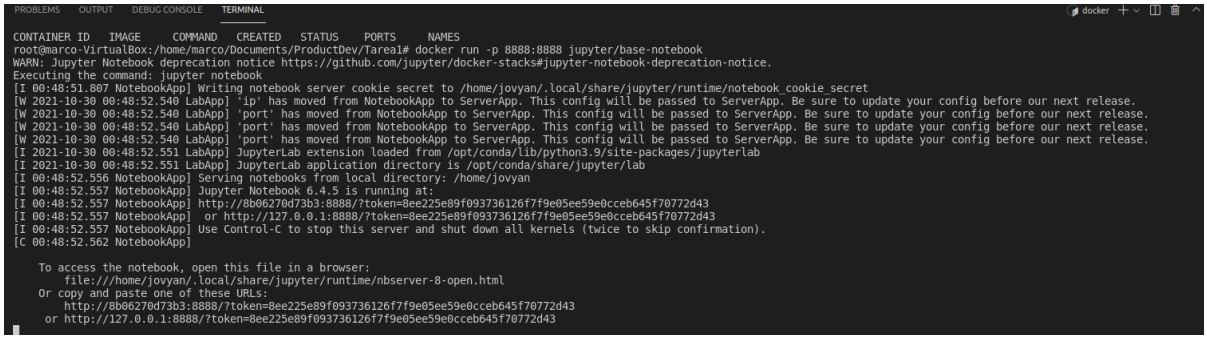
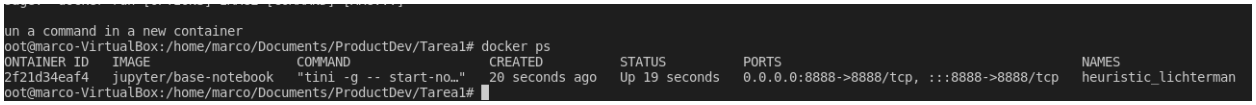
Git File URL

https://github.com/mazg-95/product-development/blob/main/Tarea1/docker-compose.yml

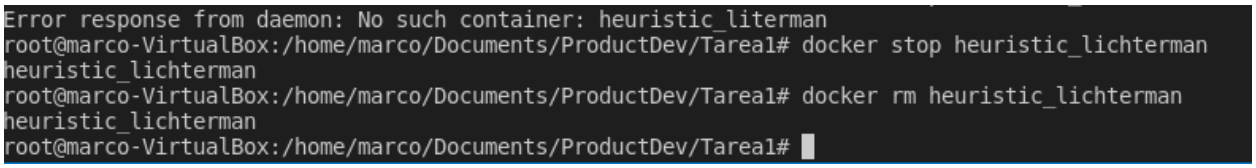
Docker Run



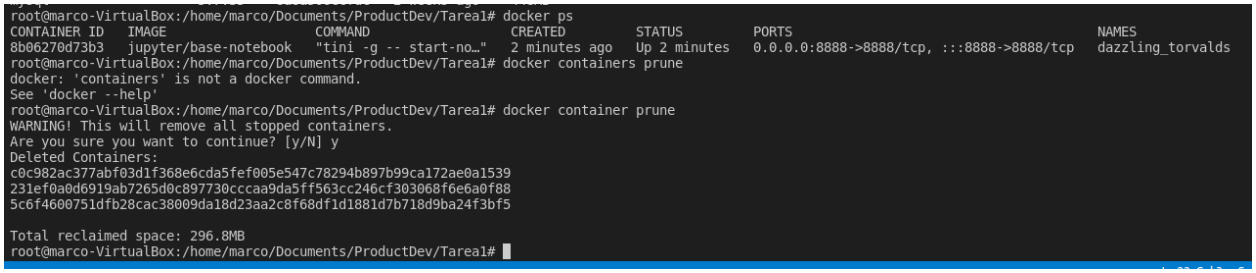
Docker Display Containers List



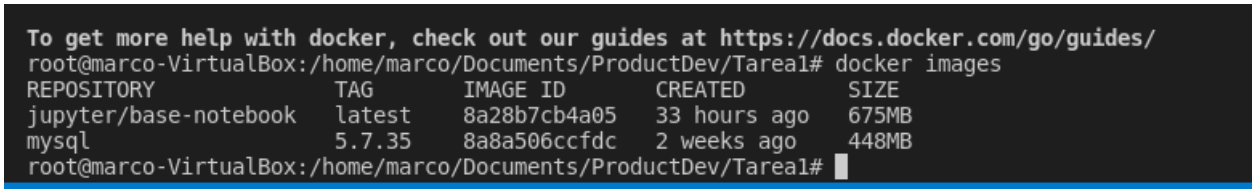
Docker Remove Containers



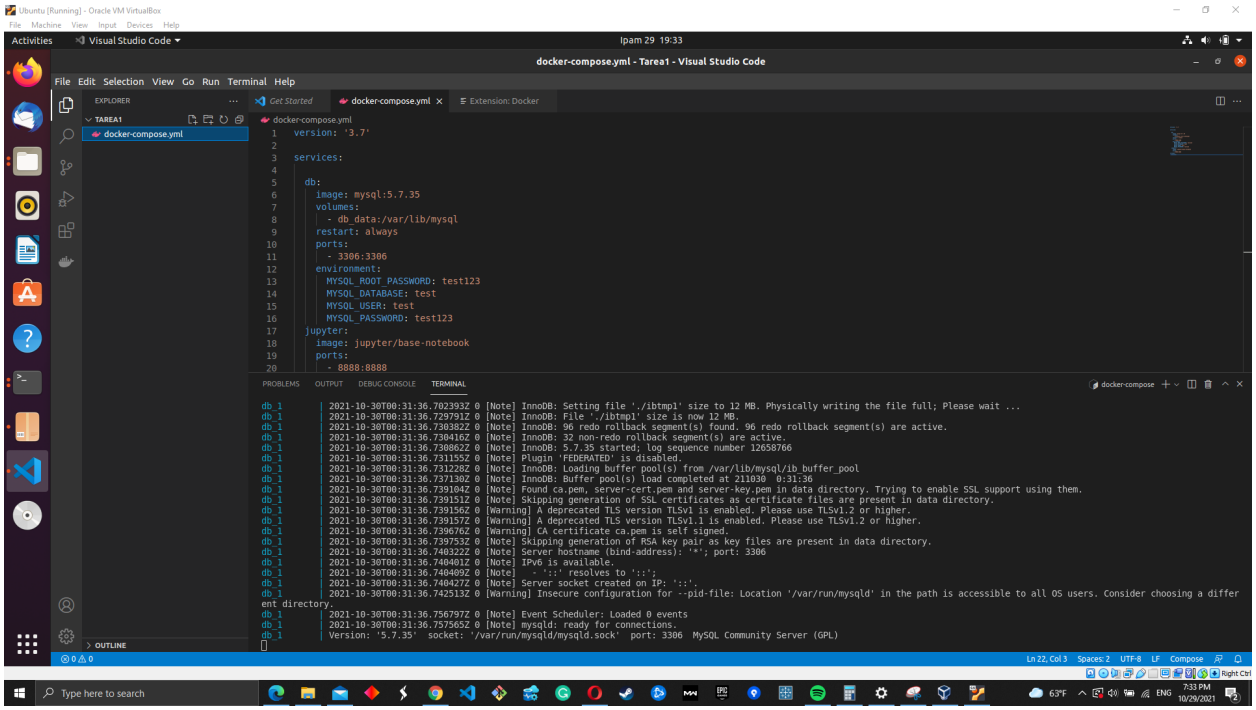
Docker Prune

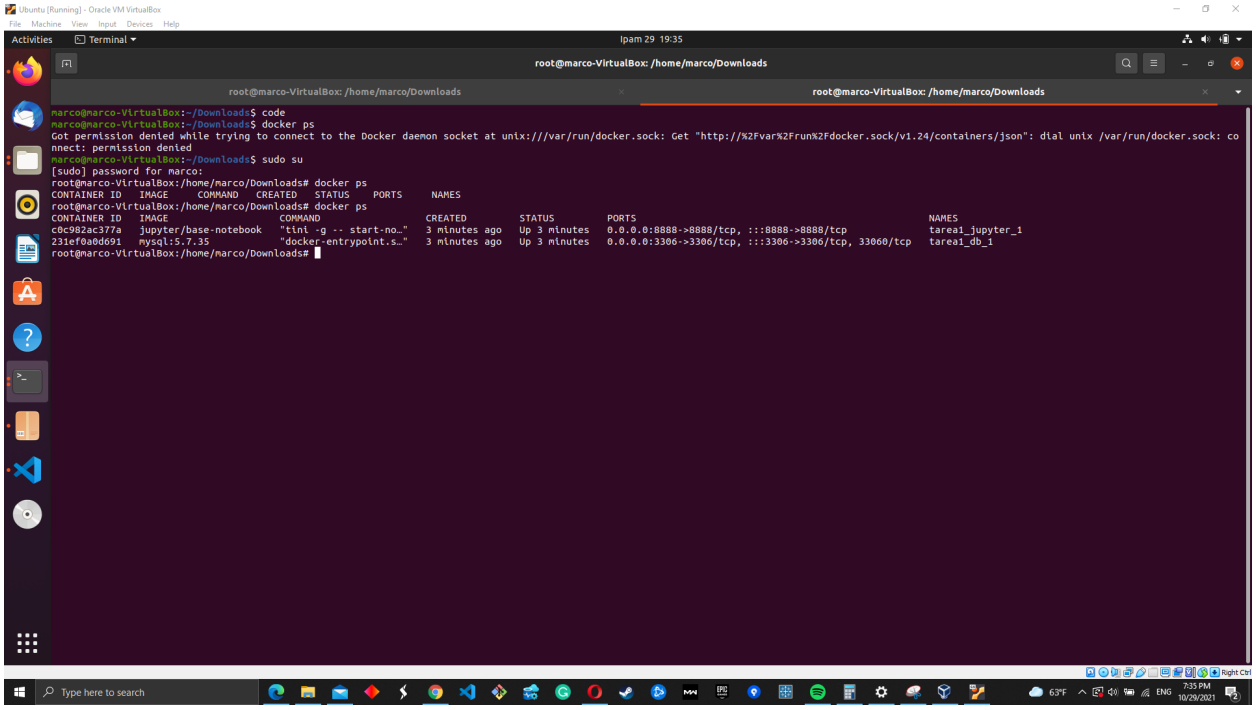


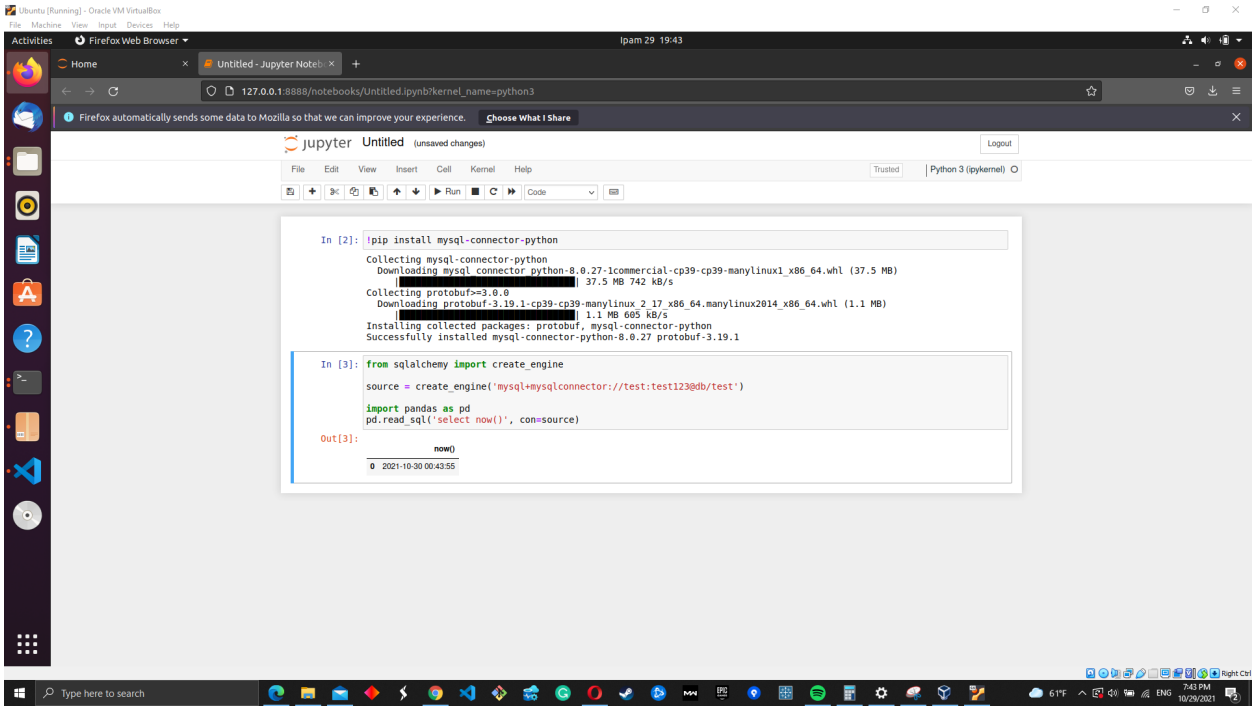
Docker Images



Docker Compose


docker-compose.yml - Tarea1 - Visual Studio Code
version: '3.7'
services:
db:
image: mysql:5.7.35
volumes:
- db_data:/var/lib/mysql
restart: always
ports:
- 3306:3306
environment:
MYSQL_ROOT_PASSWORD: test123
MYSQL_DATABASE: test
MYSQL_USER: test
MYSQL_PASSWORD: test123
jupyter:
image: jupyter/base-notebook
ports:
- 8888:8888


root@marco-VirtualBox: /home/marco/Downloads
marco@marco-VirtualBox:~/Downloads$ code
marco@marco-VirtualBox:~/Downloads$ docker ps
Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.24/containers/json": dial unix /var/run/docker.sock: connect: permission denied
marco@marco-VirtualBox:~/Downloads$ sudo su
[sudo] password for marco:
root@marco-VirtualBox:/home/marco/Downloads# docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
root@marco-VirtualBox:/home/marco/Downloads# docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
c0c982ac377a jupyter/base-notebook "tini -g -- start-no…" 3 minutes ago Up 3 minutes 0.0.0.0:8888->8888/tcp, :::8888->8888/tcp tarea1_jupyter_1
231ef0a0d691 mysql:5.7.35 "docker-entrypoint.s…" 3 minutes ago Up 3 minutes 0.0.0.0:3306->3306/tcp, :::3306->3306/tcp, 33060/tcp tarea1_db_1
root@marco-VirtualBox:/home/marco/Downloads#


Ubuntu [Running] - Oracle VM VirtualBox
Activities
Firefox Web Browser
Ipam 29 19:43
Home
Untitled - Jupyter Noteb
127.0.0.1:8888/notebooks/Untitled.ipynb?kernel_name=python3
Firefox automatically sends some data to Mozilla so that we can improve your experience.
Choose What I Share
jupyter Untitled (unsaved changes)
Logout
File Edit View Insert Cell Kernel Help
Trusted
Python 3 (ipykernel)
Run
Code
In [2]: !pip install mysql-connector-python
Collecting mysql-connector-python
Downloading mysql_connector_python-8.0.27-1commercial-cp39-cp39-manylinux1_x86_64.whl (37.5 MB)
37.5 MB 742 kB/s
Collecting protobuf<=3.0.0
Downloading protobuf-3.19.1-cp39-cp39-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (1.1 MB)
1.1 MB 605 kB/s
Installing collected packages: protobuf, mysql-connector-python
Successfully installed mysql-connector-python-8.0.27 protobuf-3.19.1
In [3]: from sqlalchemy import create_engine
source = create_engine('mysql+mysqlconnector://test:test123@db/test')
import pandas as pd
pd.read_sql('select now()', con=source)
Out[3]:
now()
0 2021-10-30 00:43:55
Type here to search
61°F
ENG
7:43 PM
10/29/2021