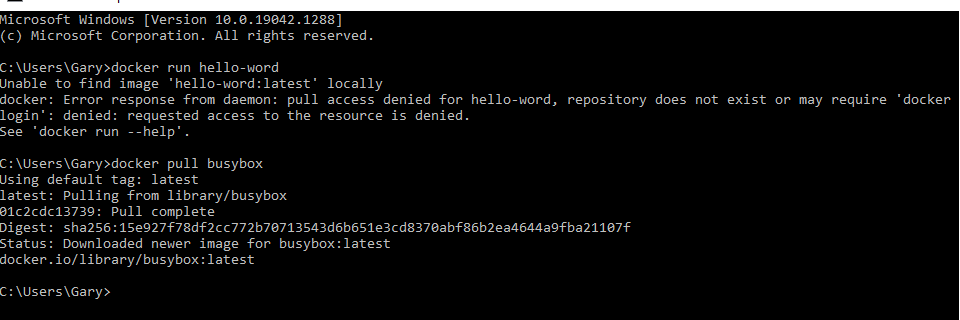
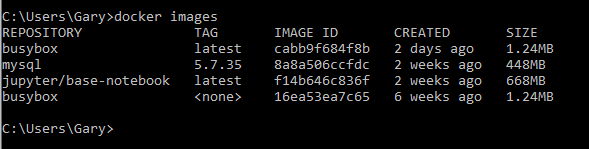
# EJercicio instalación y configuración Docker:

Después de la instalación y configuración se empieza con los comandos:

Comando Docker pull busybox:



Docker images



Docker ps:

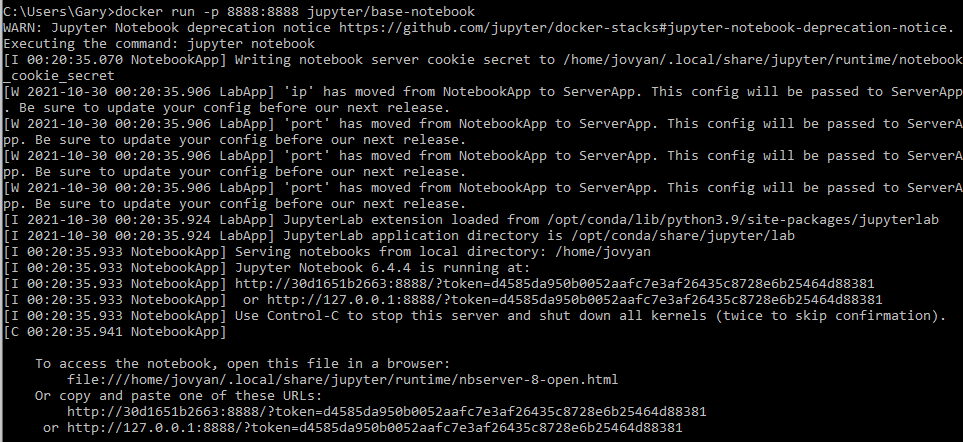


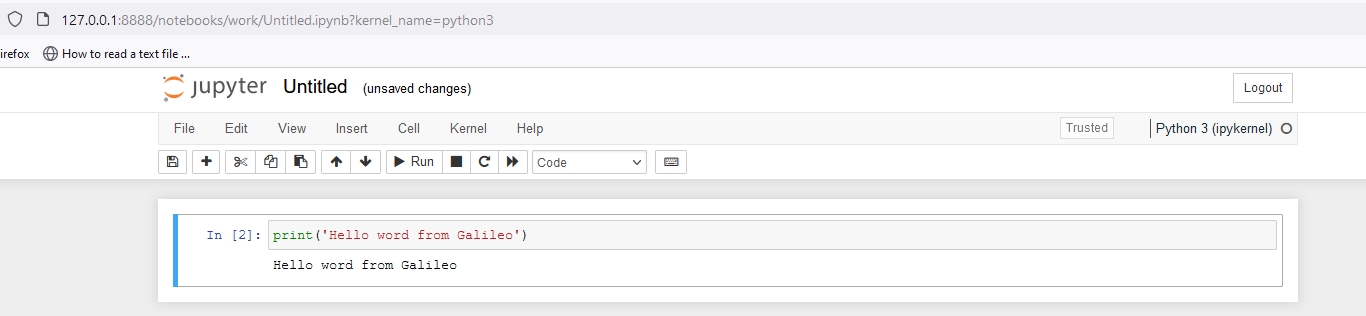
Docker run -it busybox

A picture containing diagram

Description automatically generated

docker run -p 8888:8888 jupyter/base-notebook





A screenshot of a computer

Description automatically generated with medium confidence

## Ejecución del contenedor de Mysql:

docker run -it --network my\_test\_network -p 3306:3306 -e "MYSQL\_ROOT\_PASSWORD=root123" -e "MYSQL\_DATABASE=test" -e "MYSQL\_USER=test" -e "MYSQL\_PASSWORD=test123" mysql:5.7.35

A picture containing text

Description automatically generated

## Ejecución del contenedor Jupyter Notebook dentro de la misma red:

docker run --network my\_test\_network -p 8888:8888 jupyter/base-notebook.

Graphical user interface, text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

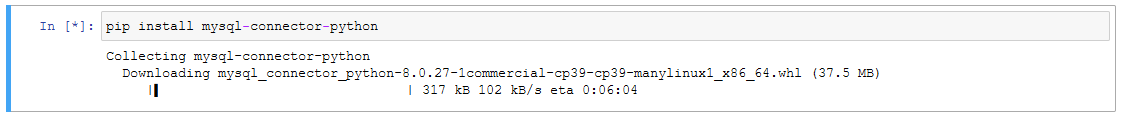
docker network inspect my\_test\_network

Text

Description automatically generated

## Instalando Mysql a Jupyter:

pip install mysql-connector-python



## Conectándose a la base de datos desde jupyter:

Graphical user interface, text, application

Description automatically generated

## Instalando pandas y probando la conexión a BD:

Graphical user interface, text, application, email

Description automatically generated

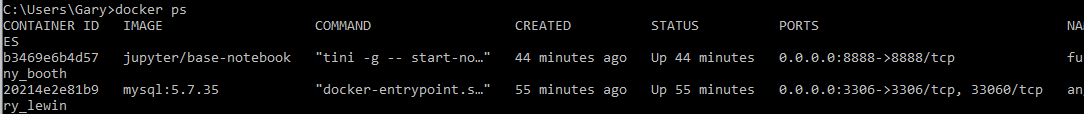
## Creando el archivo .yaml

Graphical user interface, text, application

Description automatically generated

## Usando el archivo creado:

docker compose up



## Conectandose a la base de datos desde Jupyter:



Graphical user interface, text, application

Description automatically generated