Práctica 05 Contenedor Docker para MySQL Objetivo

El alumnado deberá de generar contenedor para la base de datos en MySql utilizando Docker

Instrucciones

1. Descargar contenedor Docker de MySql.

```
Inux18gdalut13:-$ sudo docker start f94s5fy5dde
**Pa4s5fy3dde
**Inux18gdalut13:-$ sudo docker start f94s5fy5dde
**Inux18gdalut13:-$ sudo docker start f94s5fy5dde
**Inux18gdalut13:-$ sudo docker start f94s5fy5dde
**Inux18gdalut13:-$ docker und -$ -3386613365 --manm mysal-db -# MVSQL_ROOT_PASSMORD-secret mysal
**Inux18gdalut13:-$ sudo docker consect to the Docker deemon tocket at unixx://yea/runy/docker.sock: connect: permission denied.
**Sec 'docker run -halp'.
**Inux18gdalut13:-$ sudo docker run -d -p 33668:3366 --namm mysql-db -# MYSQL_ROOT_PASSMORD-secret my
**Sec 'docker run -halp'.
**Inux18gdalut13:-$ sudo docker run -d -p 33668:3366 --namm mysql-db -# MYSQL_ROOT_PASSMORD-secret my
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**Sec 'docker run -d -p 33668:3366 --namm mysql-db -# MYSQL_ROOT_PASSMORD-secret my
**Sec 'docker run -d -p 33668:3366 --namm mysql-db -# MYSQL_ROOT_PASSMORD-secret my
**Sec
```

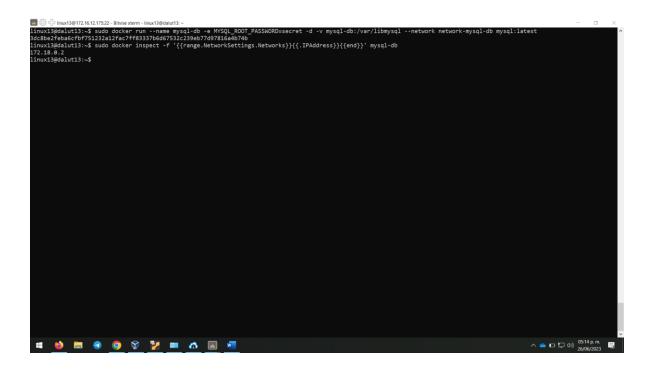
2. Ingresar al contenedor.

```
| Copyright (c) 2000, 2023, Oracle and/or its affiliates.
| Copyright (c) 2000, 2023, Oracle and/or its affiliates.
| Oracle is a registered trademark of Oracle Corporation and/or its affiliates.
| Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
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| Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```

3. Montar volumen para persistir los datos.

4. Administrar red a través de comando: Docker network

```
Inux1386alv13:45 sud obcter network create entwork.myxql-db
193.545ec833:6783:541aec8096972932435c04ded56e33235949fee8321af
11mx1386alv13:45 sud obcter network 1s
NETWORK 1D NAME DVIVER SCOPE
8097326ead bridge bridge bridge local
193.545ec833 network.myxql-db bridge local
193.545ec8
```



<u>5.</u> Una vez ingresado al gestor de MySql deberá de crear base de datos llamada practica04

```
Thurs18641273-1517222-Blook norm -involt@did17-

Inval18641213-5 suid Gotcher num -name mysql-db - m MSQL_BOOT_PASSHORD-secret -d -v mysql-db:/var/libmysql --network network-mysql-db mysql:latest lackbefsbacefs/7512332124c/F693378cd63932c239e67797856aB746

Inval18641213-5 mysql -h 172,18.0,2 -P 3386 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3386 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3386 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3386 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3386 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3386 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-5 mysql -h 172,18.0,2 -P 3086 --protocolstep -u root -p lancalBeducti3-
```

<u>6.</u> Crear al menos una tabla sobre información proporcionada por el equipo de desarrollo. Por ejemplo, Eventos, Usuarios, Productos.

```
mysql> create database ventamoda;
Query OK, 1 row affected (0,01 sec)

mysql> use ventamoda;
Database changed
mysql> CREATE TABLE usuarios (
    -> id BIGINT UNSIGNED AUTO_INCREMENT PRIMARY KEY,
    -> name VARCHAR(150),
    -> email VARCHAR(100),
    -> user_name VARCHAR(15)
    -> );
Query OK, 0 rows affected (0,03 sec)
```

```
mysql> CREATE TABLE producto (
    -> productid BIGINT UNSIGNED AUTO_INCREMENT PRIMARY KEY,
    -> name VARCHAR(100),
    -> type_product VARCHAR(20),
    -> Description VARCHAR(500),
    -> state VARCHAR(10)
    -> );
Query OK, 0 rows affected (0,03 sec)
mysql>
```

- 7. Ejecutar operaciones:
 o Insertar al menos cinco registros distintos a la tabla recién creada en paso anterior.

 - Listar todos los registros de la tabla.
 Modificar al menos dos registros
 Eliminar el último registro insertado en la tabla

```
mysql> SELECT*FROM producto
  productid | name
                                 | type_product | Description
         state
         1 | Sueter
| Terminado |
2 | Abrigo
                                                 | Sueter color rojo elegnate
                                 Ropa
                                                 | Es un abrigo muy comodo de color negr
                                 Ropa
         | En venta |
3 | Tennis
                                 Calzado
                                                 | Tennis blancos marca patito
         | En venta |
          4 | Pantalon Vaquero | Ropa
                                                 | Pantalones de mezquilla color azul
         | En venta |
5 | Sudadera
                                 Ropa
                                                 | Sudadera color gris talla maediana pa
 a mujer | En venta |
 rows in set (0,00 sec)
mysql>
```

- 8. Crear un documento en formato PDF donde se agreguen las imágenes evidencias de pasos anteriores practica04_[nombre completo].pdf
 9. Depositar archivo en carpeta practica04 en repositorio <u>GitHub.</u>