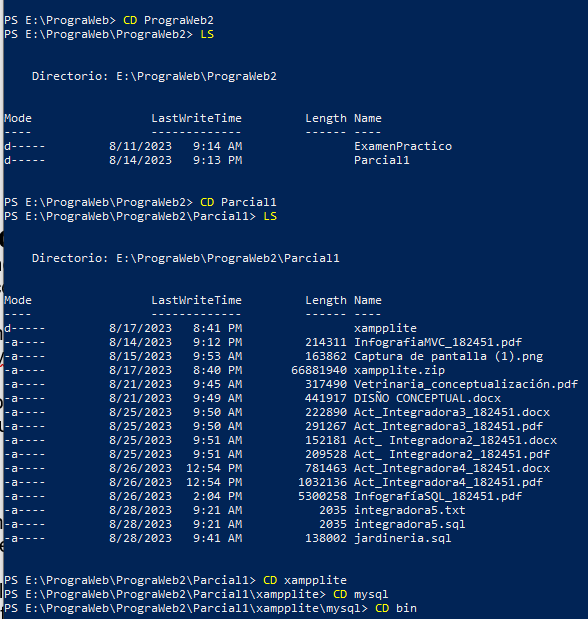
**PROGRAMACIÓN WEB II**

**Mtra. Liliana Gámez Zavala**

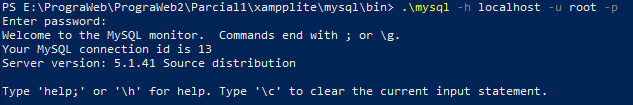
**PRACTICA 1: (Verificar el funcionamiento de mysql)**

1. Enciende el xampp control para iniciar el servicio de apache y mysql
2. Accesa a la siguiente ruta: C:\xampp\mysql\bin

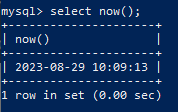


1. Una vez que te aparezca el prompt de mysql, teclea lo siguiente:

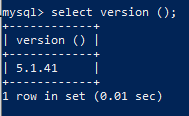
mysql –h localhost –u root -p



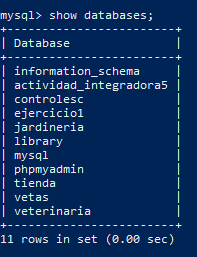
1. Como password no es necesario teclear ningún dato y oprime enter
2. Prueba los siguientes comandos:
   * select now();



* + select version ();



* + show databases;

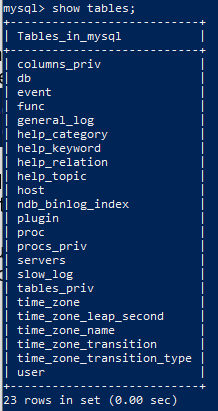


1. Una vez que hayas mostrado las bases de datos existentes, teclea el siguiente comando:

use mysql;

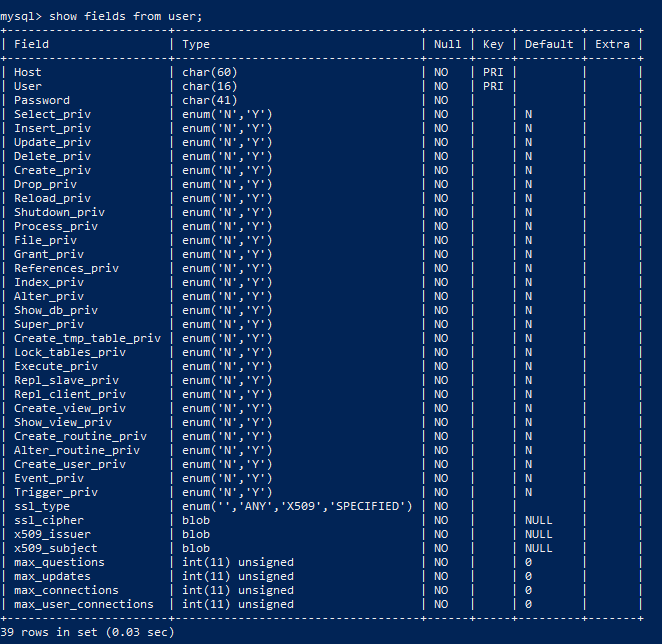


1. utiliza el comando “show tables;” y verifica las tablas que están contenidas en la base de datos seleccionada.



1. Muestra los campos que se encuentran en la tabla users con el siguiente comando:

show fields from user;



Windows PowerShell

Copyright (C) Microsoft Corporation. Todos los derechos reservados.

Prueba la nueva tecnología PowerShell multiplataforma https://aka.ms/pscore6

PS C:\Users\182451> CD..

PS C:\Users> CD..

PS C:\> E:

PS E:\> C:

PS C:\> E:

PS E:\> LS

Directorio: E:\

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 8/11/2023 9:14 AM PrograWeb

d----- 8/15/2023 9:18 AM Proga

d----- 8/22/2023 8:49 AM Superrepas

d----- 8/22/2023 4:11 PM Labo\_Progra

d----- 8/21/2023 10:26 AM pilaasss

d----- 8/24/2023 10:34 AM Nueva carpeta

-a---- 8/28/2023 10:31 PM 149473 Boletos\_Rifa.docx

PS E:\> CD PrograWeb

PS E:\PrograWeb> LS

Directorio: E:\PrograWeb

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 8/11/2023 9:14 AM PrograWeb2

d----- 8/15/2023 9:18 AM PrograWeb1

PS E:\PrograWeb> CD PrograWeb2

PS E:\PrograWeb\PrograWeb2> LS

Directorio: E:\PrograWeb\PrograWeb2

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 8/11/2023 9:14 AM ExamenPractico

d----- 8/14/2023 9:13 PM Parcial1

PS E:\PrograWeb\PrograWeb2> CD Parcial1

PS E:\PrograWeb\PrograWeb2\Parcial1> LS

Directorio: E:\PrograWeb\PrograWeb2\Parcial1

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 8/17/2023 8:41 PM xampplite

-a---- 8/14/2023 9:12 PM 214311 InfografiaMVC\_182451.pdf

-a---- 8/15/2023 9:53 AM 163862 Captura de pantalla (1).png

-a---- 8/17/2023 8:40 PM 66881940 xampplite.zip

-a---- 8/21/2023 9:45 AM 317490 Vetrinaria\_conceptualización.pdf

-a---- 8/21/2023 9:49 AM 441917 DISÑO CONCEPTUAL.docx

-a---- 8/25/2023 9:50 AM 222890 Act\_Integradora3\_182451.docx

-a---- 8/25/2023 9:50 AM 291267 Act\_Integradora3\_182451.pdf

-a---- 8/25/2023 9:51 AM 152181 Act\_ Integradora2\_182451.docx

-a---- 8/25/2023 9:51 AM 209528 Act\_ Integradora2\_182451.pdf

-a---- 8/26/2023 12:54 PM 781463 Act\_Integradora4\_182451.docx

-a---- 8/26/2023 12:54 PM 1032136 Act\_Integradora4\_182451.pdf

-a---- 8/26/2023 2:04 PM 5300258 InfografíaSQL\_182451.pdf

-a---- 8/28/2023 9:21 AM 2035 integradora5.txt

-a---- 8/28/2023 9:21 AM 2035 integradora5.sql

-a---- 8/28/2023 9:41 AM 138002 jardineria.sql

PS E:\PrograWeb\PrograWeb2\Parcial1> CD xampplite

PS E:\PrograWeb\PrograWeb2\Parcial1\xampplite> CD mysql

PS E:\PrograWeb\PrograWeb2\Parcial1\xampplite\mysql> CD bin

PS E:\PrograWeb\PrograWeb2\Parcial1\xampplite\mysql\bin> .\mysql -h localhost -u root -p

Enter password:

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 13

Server version: 5.1.41 Source distribution

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> select now();

+---------------------+

| now() |

+---------------------+

| 2023-08-29 10:09:13 |

+---------------------+

1 row in set (0.00 sec)

mysql> select version ();

+------------+

| version () |

+------------+

| 5.1.41 |

+------------+

1 row in set (0.01 sec)

mysql> show databases;

+------------------------+

| Database |

+------------------------+

| information\_schema |

| actividad\_integradora5 |

| controlesc |

| ejercicio1 |

| jardineria |

| library |

| mysql |

| phpmyadmin |

| tienda |

| vetas |

| veterinaria |

+------------------------+

11 rows in set (0.00 sec)

mysql> use mysql;

Database changed

mysql> show tables;

+---------------------------+

| Tables\_in\_mysql |

+---------------------------+

| columns\_priv |

| db |

| event |

| func |

| general\_log |

| help\_category |

| help\_keyword |

| help\_relation |

| help\_topic |

| host |

| ndb\_binlog\_index |

| plugin |

| proc |

| procs\_priv |

| servers |

| slow\_log |

| tables\_priv |

| time\_zone |

| time\_zone\_leap\_second |

| time\_zone\_name |

| time\_zone\_transition |

| time\_zone\_transition\_type |

| user |

+---------------------------+

23 rows in set (0.00 sec)

mysql> show fields from user;

+-----------------------+-----------------------------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-----------------------+-----------------------------------+------+-----+---------+-------+

| Host | char(60) | NO | PRI | | |

| User | char(16) | NO | PRI | | |

| Password | char(41) | NO | | | |

| Select\_priv | enum('N','Y') | NO | | N | |

| Insert\_priv | enum('N','Y') | NO | | N | |

| Update\_priv | enum('N','Y') | NO | | N | |

| Delete\_priv | enum('N','Y') | NO | | N | |

| Create\_priv | enum('N','Y') | NO | | N | |

| Drop\_priv | enum('N','Y') | NO | | N | |

| Reload\_priv | enum('N','Y') | NO | | N | |

| Shutdown\_priv | enum('N','Y') | NO | | N | |

| Process\_priv | enum('N','Y') | NO | | N | |

| File\_priv | enum('N','Y') | NO | | N | |

| Grant\_priv | enum('N','Y') | NO | | N | |

| References\_priv | enum('N','Y') | NO | | N | |

| Index\_priv | enum('N','Y') | NO | | N | |

| Alter\_priv | enum('N','Y') | NO | | N | |

| Show\_db\_priv | enum('N','Y') | NO | | N | |

| Super\_priv | enum('N','Y') | NO | | N | |

| Create\_tmp\_table\_priv | enum('N','Y') | NO | | N | |

| Lock\_tables\_priv | enum('N','Y') | NO | | N | |

| Execute\_priv | enum('N','Y') | NO | | N | |

| Repl\_slave\_priv | enum('N','Y') | NO | | N | |

| Repl\_client\_priv | enum('N','Y') | NO | | N | |

| Create\_view\_priv | enum('N','Y') | NO | | N | |

| Show\_view\_priv | enum('N','Y') | NO | | N | |

| Create\_routine\_priv | enum('N','Y') | NO | | N | |

| Alter\_routine\_priv | enum('N','Y') | NO | | N | |

| Create\_user\_priv | enum('N','Y') | NO | | N | |

| Event\_priv | enum('N','Y') | NO | | N | |

| Trigger\_priv | enum('N','Y') | NO | | N | |

| ssl\_type | enum('','ANY','X509','SPECIFIED') | NO | | | |

| ssl\_cipher | blob | NO | | NULL | |

| x509\_issuer | blob | NO | | NULL | |

| x509\_subject | blob | NO | | NULL | |

| max\_questions | int(11) unsigned | NO | | 0 | |

| max\_updates | int(11) unsigned | NO | | 0 | |

| max\_connections | int(11) unsigned | NO | | 0 | |

| max\_user\_connections | int(11) unsigned | NO | | 0 | |

+-----------------------+-----------------------------------+------+-----+---------+-------+

39 rows in set (0.03 sec)

**PRACTICA 2: (Crear una base de datos)**

Teclea la siguiente secuencia de comandos y realiza una tabla resumen en la que indiques que es lo que hace cada línea de codigo sql separado por punto y coma:

1. create database discosnet;



1. show databases;



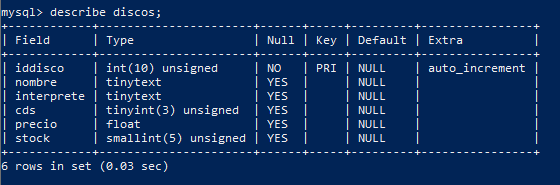
1. use discosnet;



1. CREATE TABLE discos( iddisco INT unsigned auto\_increment not null primary key, nombre tinytext, interprete tinytext, cds tinyint unsigned, precio float, stock smallint unsigned) ;



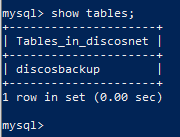
1. describe discos;



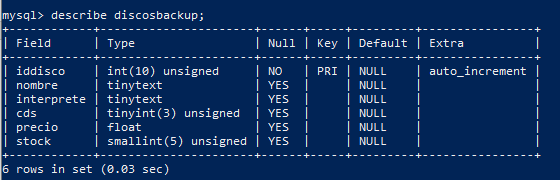
1. rename table discos to discosbackup;



1. show tables;



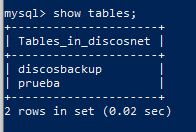
1. describe discosbackup;



1. create table prueba (id\_prueba int);



1. show tables;



1. insert into prueba (id\_prueba) values (1);



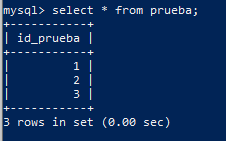
1. insert into prueba (id\_prueba) values (2);



1. insert into prueba (id\_prueba) values (3);



1. select \* from prueba;



1. drop table prueba;



1. drop table discos;



1. drop database discosnet;



mysql> create database discosnet;

Query OK, 1 row affected (0.03 sec)

mysql> show databases;

+------------------------+

| Database |

+------------------------+

| information\_schema |

| actividad\_integradora5 |

| controlesc |

| discosnet |

| ejercicio1 |

| jardineria |

| library |

| mysql |

| phpmyadmin |

| tienda |

| vetas |

| veterinaria |

+------------------------+

12 rows in set (0.00 sec)

mysql> 3.use discosnet;

mysql> use discosnet;

Database changed

mysql> CREATE TABLE discos(iddisco INT unsigned auto\_increment not null primary key, nombre tinytext, interprete tinytext, cds tinyint unsigned, precio float, stock smallint unsigned);

Query OK, 0 rows affected (0.09 sec)

mysql> describe discos;

+------------+----------------------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+------------+----------------------+------+-----+---------+----------------+

| iddisco | int(10) unsigned | NO | PRI | NULL | auto\_increment |

| nombre | tinytext | YES | | NULL | |

| interprete | tinytext | YES | | NULL | |

| cds | tinyint(3) unsigned | YES | | NULL | |

| precio | float | YES | | NULL | |

| stock | smallint(5) unsigned | YES | | NULL | |

+------------+----------------------+------+-----+---------+----------------+

6 rows in set (0.03 sec)

mysql> rename table discos to discosbackup;

Query OK, 0 rows affected (0.03 sec)

mysql> show tables;

+---------------------+

| Tables\_in\_discosnet |

+---------------------+

| discosbackup |

+---------------------+

1 row in set (0.00 sec)

mysql> describe discosbackup;

+------------+----------------------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+------------+----------------------+------+-----+---------+----------------+

| iddisco | int(10) unsigned | NO | PRI | NULL | auto\_increment |

| nombre | tinytext | YES | | NULL | |

| interprete | tinytext | YES | | NULL | |

| cds | tinyint(3) unsigned | YES | | NULL | |

| precio | float | YES | | NULL | |

| stock | smallint(5) unsigned | YES | | NULL | |

+------------+----------------------+------+-----+---------+----------------+

6 rows in set (0.03 sec)

mysql> create table prueba (id\_prueba int);

Query OK, 0 rows affected (0.08 sec)

mysql> show tables;

+---------------------+

| Tables\_in\_discosnet |

+---------------------+

| discosbackup |

| prueba |

+---------------------+

2 rows in set (0.02 sec)

mysql> insert into prueba (id\_prueba) values (1);

Query OK, 1 row affected (0.02 sec)

mysql> insert into prueba (id\_prueba) values (2);

Query OK, 1 row affected (0.00 sec)

mysql> insert into prueba (id\_prueba) values (3);

Query OK, 1 row affected (0.00 sec)

mysql> select \* from prueba;

+-----------+

| id\_prueba |

+-----------+

| 1 |

| 2 |

| 3 |

+-----------+

3 rows in set (0.00 sec)

mysql> drop table prueba;

Query OK, 0 rows affected (0.06 sec)

mysql> drop table discos;

ERROR 1051 (42S02): Unknown table 'discos'

mysql> drop database discosnet;

Query OK, 1 row affected (0.08 sec)

mysql>

**PRACTICA 3: (Crear e importar desde un script)**

Coloca todos los comandos siguientes en un block de notas:

CREATE DATABASE EJERCICIO1;

USE EJERCICIO1;

CREATE TABLE departamentos (

dept\_no TINYINT(2) NOT NULL,

dnombre VARCHAR(15),

loc VARCHAR(15)

);

INSERT INTO departamentos VALUES (10,'CONTABILIDAD','SEVILLA');

INSERT INTO departamentos VALUES (20,'INVESTIGACIÓN','MADRID');

INSERT INTO departamentos VALUES (30,'VENTAS','BARCELONA');

INSERT INTO departamentos VALUES (40,'PRODUCCIÓN','BILBAO');

DESCRIBE DEPARTAMENTOS;

y guardalos en un archivo “archivo.sql en la carpeta raìz de tu memoria o disco duro, luego en mysql teclea “source c:\archivo.sql”

Verifica que se haya ejecutado. Envia por blackboard tu archivo sql y la pantalla de Windows en donde se ejecutó el script de sql.

