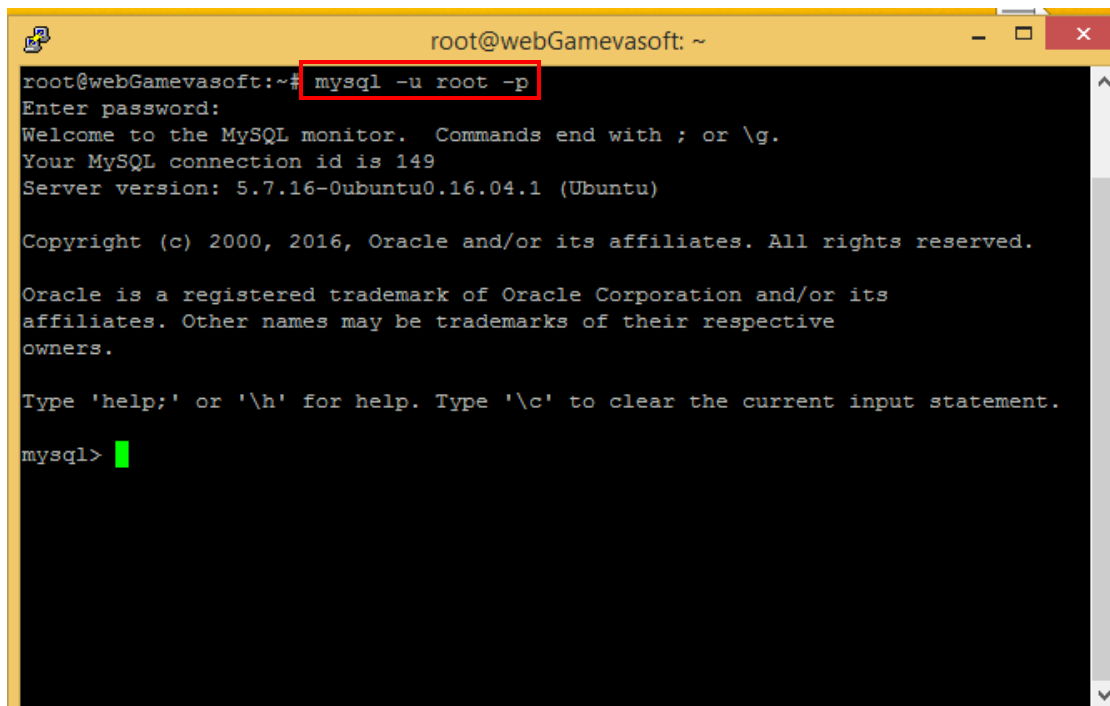


## Como Crear Una base de datos y una Tabla en mysql con PuTTY.

1. Accedemos con nuestro usuario del servidor y contraseña.
2. Accedemos a nuestra cuenta mysql con nuestro usuraio y nos solicitara la contraseña de mysql.

- `mysql -u root -p`

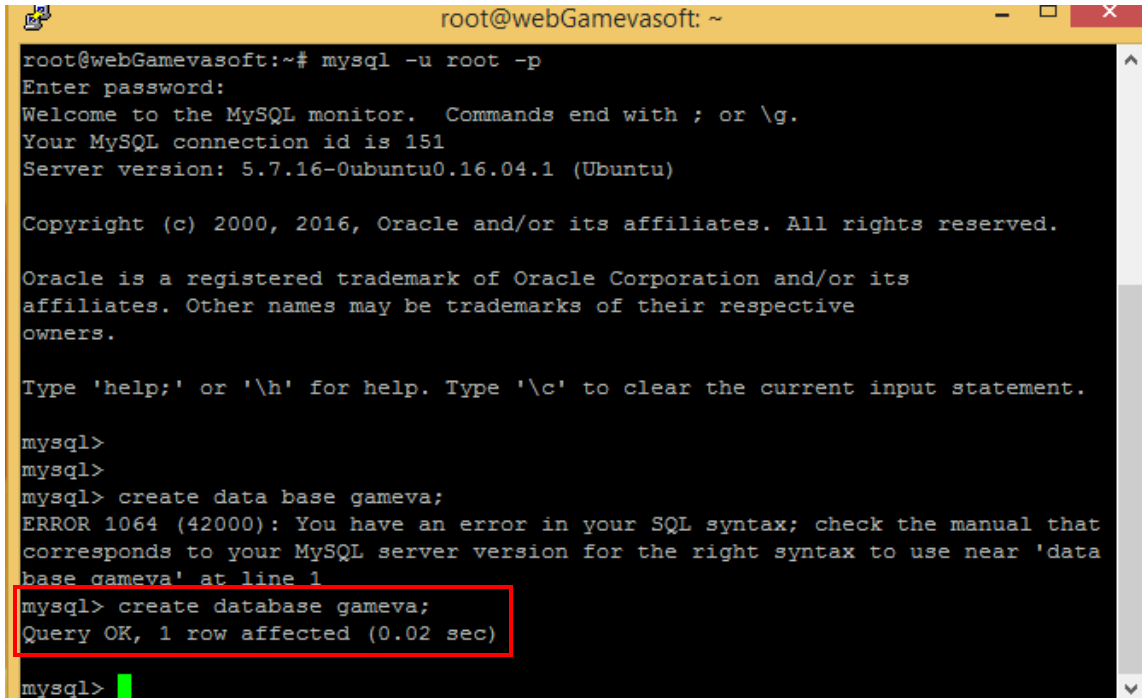


```
root@webGamevasoft: ~  
root@webGamevasoft:~# mysql -u root -p  
Enter password:  
Welcome to the MySQL monitor.  Commands end with ; or \g.  
Your MySQL connection id is 149  
Server version: 5.7.16-0ubuntu0.16.04.1 (Ubuntu)  
  
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affiliates. Other names may be trademarks of their respective  
owners.  
  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
mysql>
```

3.- Creamos una base de datos, es este caso creamos la base de datos con el nombre gameva.

Para crear la base de datos utilizaremos la instrucción:

CREATE DATABASE NOMBREBASEDEDATOS;

A terminal window titled 'root@webGamevasoft: ~' with a yellow title bar. It shows the execution of the MySQL command 'mysql -u root -p'. The prompt 'mysql>' is shown multiple times. The first attempt to run 'create data base gameva;' results in an error: 'ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'data base gameva' at line 1'. The second attempt, 'create database gameva;', is successful and is highlighted with a red rectangle. The output for the successful command is 'Query OK, 1 row affected (0.02 sec)'.

```
root@webGamevasoft:~# mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 151
Server version: 5.7.16-0ubuntu0.16.04.1 (Ubuntu)

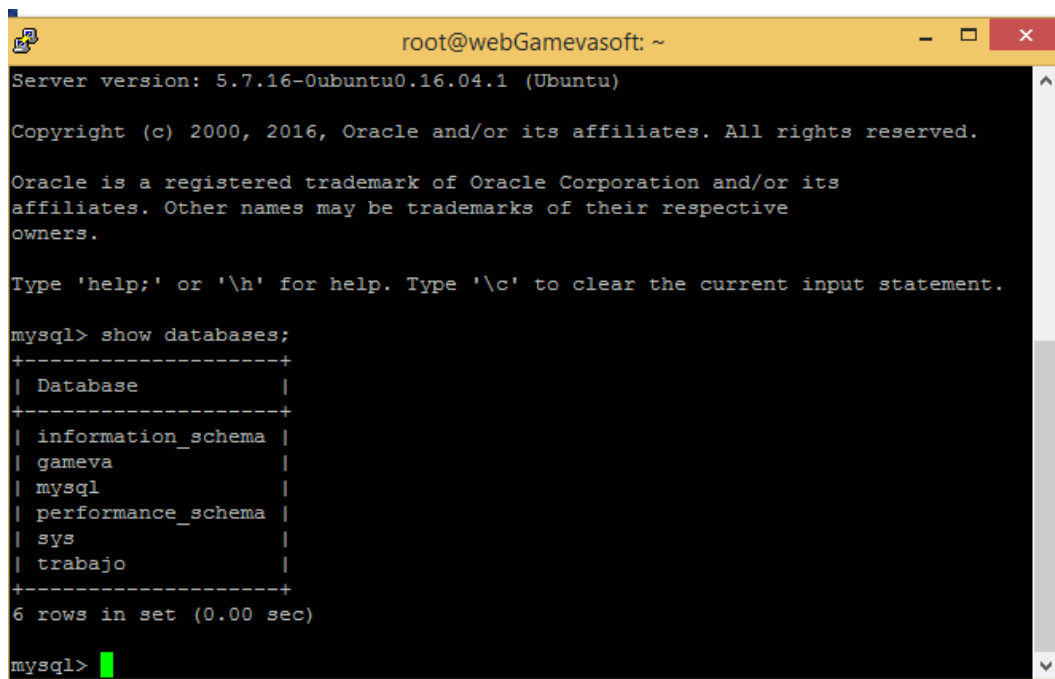
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affiliates. Other names may be trademarks of their respective
owners.

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

mysql>
mysql>
mysql> create data base gameva;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that
corresponds to your MySQL server version for the right syntax to use near 'data
base gameva' at line 1
mysql> create database gameva;
Query OK, 1 row affected (0.02 sec)
mysql>
```

Para mostrar las bases de datos existentes utilizaremos SHOW DATABASES;

A terminal window titled 'root@webGamevasoft: ~' with a yellow title bar. It shows the execution of the MySQL command 'show databases;'. The output is a table listing the existing databases: information\_schema, gameva, mysql, performance\_schema, sys, and trabajo. The command 'mysql>' is shown at the bottom.

```
root@webGamevasoft: ~
Server version: 5.7.16-0ubuntu0.16.04.1 (Ubuntu)

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owners.

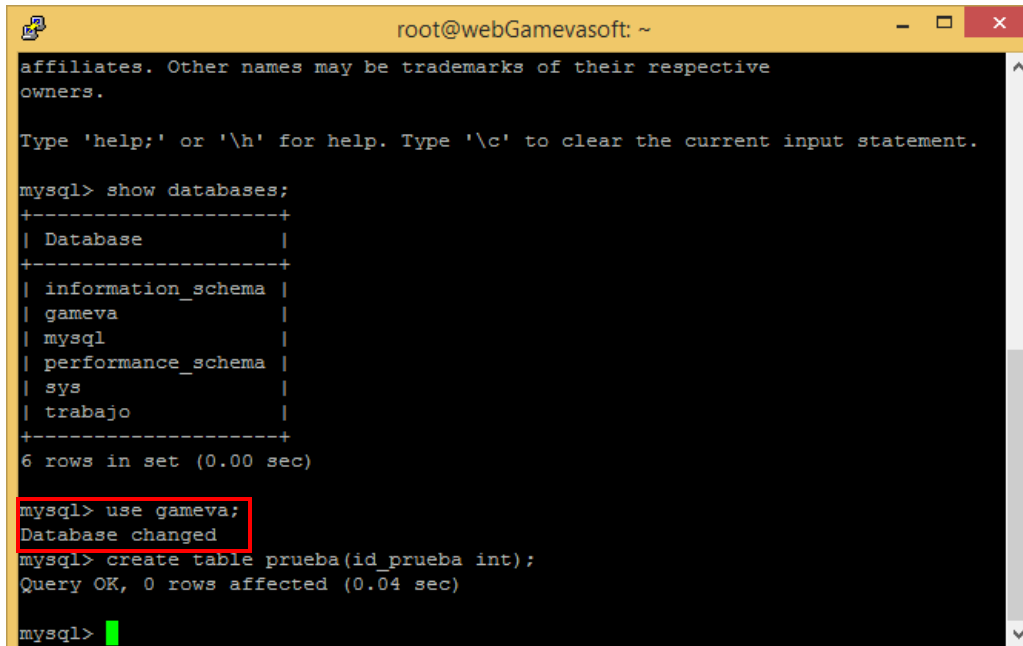
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database                |
+-----+
| information_schema      |
| gameva                  |
| mysql                   |
| performance_schema      |
| sys                     |
| trabajo                  |
+-----+
6 rows in set (0.00 sec)

mysql>
```

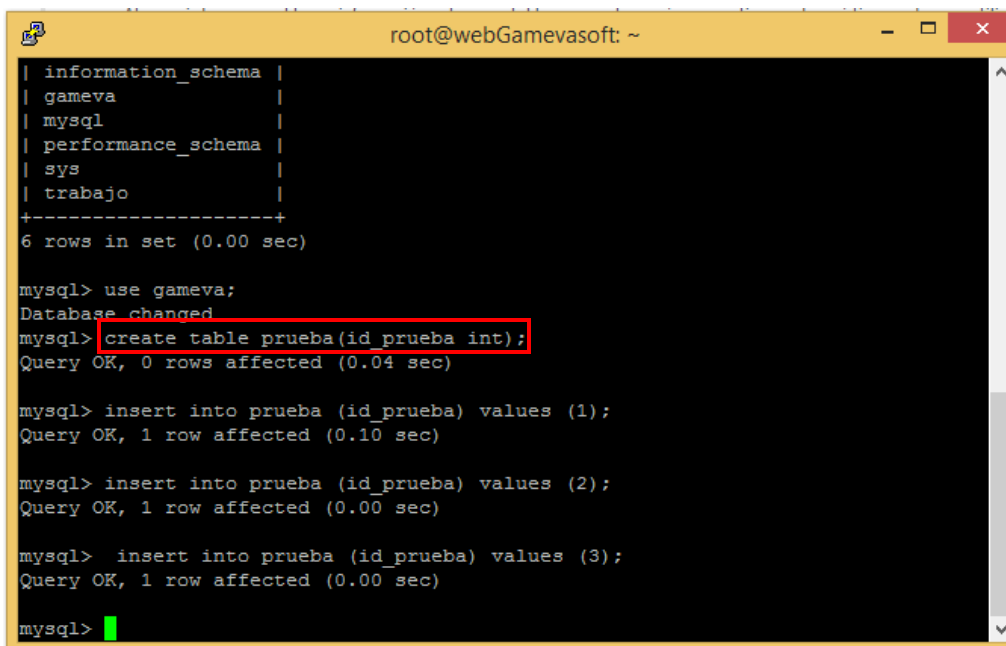
Para conectarme con una base de datos utilizaremos USE:

Use gameva;



```
root@webGamevasoft: ~  
affiliates. Other names may be trademarks of their respective  
owners.  
  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
  
mysql> show databases;  
+-----+  
| Database |  
+-----+  
| information_schema |  
| gameva |  
| mysql |  
| performance_schema |  
| sys |  
| trabajo |  
+-----+  
6 rows in set (0.00 sec)  
  
mysql> use gameva;  
Database changed  
mysql> create table prueba(id_prueba int);  
Query OK, 0 rows affected (0.04 sec)  
  
mysql>
```

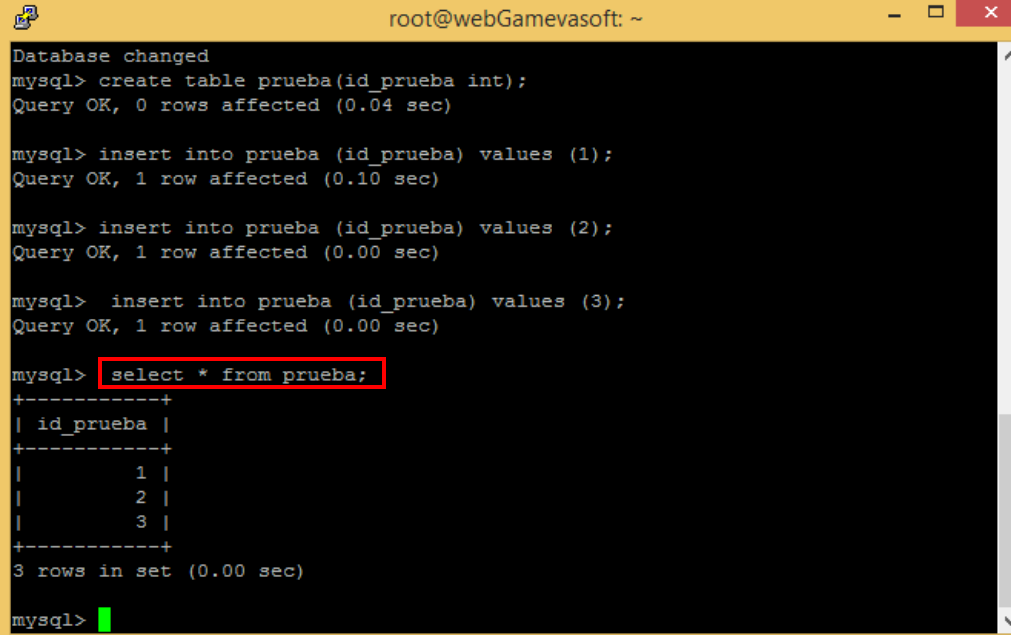
Para crear tablas utilizamos utilizamos CREATE TABLE NOMBRETABLA();



```
root@webGamevasoft: ~  
| information_schema |  
| gameva |  
| mysql |  
| performance_schema |  
| sys |  
| trabajo |  
+-----+  
6 rows in set (0.00 sec)  
  
mysql> use gameva;  
Database changed  
mysql> create table prueba(id_prueba int);  
Query OK, 0 rows affected (0.04 sec)  
  
mysql> insert into prueba (id_prueba) values (1);  
Query OK, 1 row affected (0.10 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>
```

Para mostrar los campos insertados en la tabla utilizaremos la instrucción;

`SELECT * FROM NOMBRETABLA`



A terminal window titled 'root@webGamevasoft: ~' with a yellow title bar. The terminal shows a series of MySQL commands and their outputs. The commands are: 'create table prueba(id\_prueba int);', 'insert into prueba (id\_prueba) values (1);', 'insert into prueba (id\_prueba) values (2);', 'insert into prueba (id\_prueba) values (3);', and 'select \* from prueba;'. The output for the last command shows a table with one column 'id\_prueba' and three rows with values 1, 2, and 3. The command 'select \* from prueba;' is highlighted with a red box.

```
Database changed
mysql> create table prueba(id_prueba int);
Query OK, 0 rows affected (0.04 sec)

mysql> insert into prueba (id_prueba) values (1);
Query OK, 1 row affected (0.10 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>
```