

<https://www.liquidweb.com/kb/create-a-mysql-database-on-linux-via-command-line/>

1 - service mysql start

2 - mysql -u root -p --> logging into mysql as root user

3 - CREATE DATABASE site ; --> creating a new database called site

4 - use site ; --> as if you are setting this as the currently working database

4 - CREATE table users ; --> creating a new table in the db called users

3 - create a user and give him sala7eyaaaaat

```
CREATE USER 'user'@'%' IDENTIFIED BY 'password';
```

```
GRANT ALL PRIVILEGES ON *.* TO 'user';
```

4 - check with

```
show grants for 'user' ;
```

5 - run this php (to create a table called user)

```
<?php
$servername = "localhost";
$username = "user";
$password = "password";
$dbname = "site";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

// sql to create table
$sql = "CREATE TABLE users (
id INT(6) UNSIGNED AUTO_INCREMENT PRIMARY KEY,
name VARCHAR(30),
email VARCHAR(50)
)";

if ($conn->query($sql) === TRUE) {
    echo "Table MyGuests created successfully";
} else {
    echo "Error creating table: " . $conn->error;
}

$conn->close();
?>
```

6- to check in terminal

```
mysql -u root -p
```

```
use site ;
```

show tables ;

now you are connected to a mysql server and you can insert and delete from the database

example usage in php

https://www.w3schools.com/php/php_mysql_insert.asp

```
<?php
$servername = "localhost";
$username = "user";
$password = "password";
$dbname = "site";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

// sql to create table
$sql = "Insert into users values(1, 'ahmed', 'test@test.com') ; ";      --> 3adel el line dah

if ($conn->query($sql) === TRUE) {
    echo "query executed succefully";
} else {
    echo "Error in sql query " . $conn->error;
}

$conn->close();
?>
```

now you can insert , delete , send queries like select * from users where email = kaza