SQL

* What is database
* Database is a collection of data
* CREATE DATABASE testing;
* Use testing;
* create table student (id int,firstname varchar(50),lastname varchar(50),email varchar(100), mobile bigint, address varchar(250));
* insert into student(id,firstname,lastname,email,mobile,address)
* values(1,"godhani","khushi","khushi@gmail.com",9173816590,"nikol");
* [INSERT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/insert.html) INTO student (id,firstname,lastname,email,mobile,address)  [VALUES](mailto:VALUES)(2,"pooja","sarvaiya","pooja@gmail.com",9925016590,"nikol");
* [INSERT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/insert.html) INTO student (id,firstname,lastname,email,mobile,address)  [VALUES](mailto:VALUES)(3,"yatrik","prajapati","yatrik@gmail.com",9925206590,"nikol");
* [INSERT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/insert.html) INTO student (id,firstname,lastname,email,mobile,address)  [VALUES](mailto:VALUES)(4,"nirali","gajera","nirali@gmail.com",8925206590,"nikol");
* [INSERT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/insert.html) INTO student (id,firstname,lastname,email,mobile,address)

[VALUES](mailto:VALUES)(5,"jenish","vaghasiya","jenish@gmail.com",8925206220,"nikol");

* [INSERT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/insert.html) INTO student (id,firstname,lastname,email,mobile,address)

[VALUES](mailto:VALUES)(6,"divya","hirpara","divya@gmail.com",8916506220,"nikol");

* [INSERT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/insert.html) INTO student (id,firstname,lastname,email,mobile,address)

[VALUES](mailto:VALUES)(7,"senha","patel","sneha@gmail.com",8916506250,"nikol");

* [INSERT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/insert.html) INTO student (id,firstname,lastname,email,mobile,address)

[VALUES](mailto:VALUES)(8,"amruta","jotkar","amruta@gmail.com",8989506250,"surta");

* [INSERT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/insert.html) INTO student (id,firstname,lastname,email,mobile,address)
* [VALUES](mailto:VALUES)(9,"jenish","vaghasiya","jenish@gmail.com",8989503050,"manali");
* [INSERT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/insert.html) INTO student (id,firstname,lastname,email,mobile,address)

[VALUES](mailto:VALUES)(10,"tanvi","dhamliya","tanvi@gmail.com",8989403050,"nikol");

Example:-

* [select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) id,mobile,lastname from student where id>5;
* [select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) id,mobile,lastname from student where id>=2;
* [select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) id,mobile,lastname from student where id!=9;
* [select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) id,mobile,lastname from student where id=6;
* [select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) id,mobile,lastname from student where id [in](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in) (1,3,5,7,9);
* [select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* from student where id [IN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in) (1,2,3,4);
* [select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* from student where id between 4 [and](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and) 10;
* [select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* from student where lastname [like](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/string-comparison-functions.html%23operator_like) 'k%';
* [select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* from student where lastname [like](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/string-comparison-functions.html%23operator_like) '%a';
* [select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* from student where firstname [like](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/string-comparison-functions.html%23operator_like) '%v\_';
* [select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* from student where firstname [like](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/string-comparison-functions.html%23operator_like) '%i';
* [select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* from student where firstname [like](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/string-comparison-functions.html%23operator_like) '\_e%';