# **MySQL Notes**

## Creating a new database

**SQL CREATE DATABASE Syntax:**  
CREATE DATABASE dbname;

**SQL CREATE DATABASE Example:**  
CREATE DATABASE my\_db;

**SQL CREATE TABLE Syntax**:  
CREATE TABLE table\_name  
(  
column\_name1 data\_type(size),  
column\_name2 data\_type(size),  
column\_name3 data\_type(size),  
);

The column\_name parameters specify the names of the columns of the table.  
The data\_type parameter specifies what type of data the column can hold.  
The size parameter specifies the maximum length of the column of the table.

**SQL INSERT INTO Syntax:**  
INSERT INTO table\_name  
VALUES (value1,value2,value3,...);

**OR**

INSERT INTO table\_name (column1,column2,column3,...)  
VALUES (value1,value2,value3,...);

**SQL SELECT Syntax:**  
SELECT column\_name,column\_name  
FROM table\_name;

**OR**

SELECT \* FROM table\_name;

**SQL SELECT DISTINCT Syntax:**  
SELECT DISTINCT column\_name,column\_name  
FROM table\_name;

**SQL WHERE Syntax:**  
SELECT column\_name,column\_name  
FROM table\_name  
WHERE column\_name operator value;