# Sql database

**Sql**: *Structured Query Language*, is a language designed to allow both technical and non-technical users query, manipulate, and transform data from a relational database

To creat a query first of all you will select the colomn that you want in the table by writing its name after a **SELECT** and if you want to have all the colomns in the table just write \*

Then in the **FROM** you write the name of table you want to extract the data from

In real life data come in more than just one table so we used a **JOIN** command with **ON** to connect these tables by a primary key which is a common column in these tables

Also we can make a condition to extract espical data by using **Where** command and using the comparing tools such as equal not equal …,or like % for string to match a especial order of string

Also , we can order our data by using the **ORDER** **BY** command to order the data ascending asc

Or descending desc

Also we can create our table using **CREATE TABLE IF NOT EXISTS** and we can insert row or delete row or update row using special command **INSERT INTO with values**  / **DELETE FROM** with condition / **UPDATE with SET to put the value and we use a condition here**























