**SQL Database**

Let’s Start:

* MySQL is a database system used on the web
* MySQL is a database system that runs on a server
* MySQL is ideal for both small and large applications
* MySQL is very fast, reliable, and easy to use
* MySQL uses standard SQL
* MySQL compiles on a number of platforms
* MySQL is free to download and use
* MySQL is developed, distributed, and supported by Oracle Corporation
* MySQL is named after co-founder Monty Wideness’s daughter: My

The data in a MySQL database are stored in tables.

A table is a collection of related data, and it consists of columns and rows.

SQL vs MYSQL:

SQL: It is a structured query programming language that manages the relational database management system

MYSQL: It is a relational database management system that uses SQL.

A query is a question or a request.

Query: Database Code.

**Database**:

A database consists of one or more tables.

To create Database:

CREATE DATABASE dn\_name;

To Drop Database:

DROP DATABASE dn\_name

To Create Table:

CREATE TABLE *table\_name*(  
*column1 datatype*,  
*column2 datatype*,  
*column3 datatype*,  
   ....  
);

Ex)

CREATE TABLE Persons (  
    PersonID int,  
    LastName varchar(255),  
    FirstName varchar(255),  
    Address varchar(255),  
    City varchar(255)  
);

To Drop Table:

DROP TABLE *table\_name*;

Ex)

*DROP TABLE persons*

TRUNCATE: => The TRUNCATE TABLE statement is used to delete the data inside a table, but not the table itself.

*TRUNCATE TABLE table\_name;*