SQL – Structural query language

SQL is **the standard programming language used to design, create and manage relational databases**. Relational Database made up of a set of tables containing rows and columns of data

SQL is a standard language for storing, manipulating and retrieving data in databases

SQL became a standard of the American National Standards Institute (ANSI) in 1986, and of the International Organization for Standardization (ISO) in 1987

**SQL stand for what?**

SQL can execute quires, Retrieve data,

Insert records, Update records, Delete records,

Create new tables in a database, Create database,

* SQL – TO access & manipulate DATA from DATABASE
* It is used to fetch data from Database
* Every application/project has its own database
* Without database application is not fulfilled
* Without query we cannot fetch data from database
* Appropriate query need to fire – Depend on operation

**SQL Query**

**DATABASE**

One database consist = multiple tables

One Tables consist of = Number of rows & column

**SQL consists of 2 types**

DML – Data manipulate Language - **Tester are Involved** DDL – Data Definition Language - **Tester are Involved**

1. DML - Data manipulate Language - **Tester are Involved**

Using DML command we can update & modified data in database Used to perform INSERT, UPDATE, and DELETE

1. DDL - Data Definition Language - **Tester are Involved**

Using DDL command we create & alter the data in database Used to perform CREATE, ALTER, DROP, TRUNCATE

