**What is SQL?**

* + SQL refers to Structured Query Language, which deals with relational database.
  + With the help of SQL, we can create, read, update and delete records in database.

**DDL** - Data Definition Language

It is used to define data structure

It is used for creating and modifying database.

**DML** - Data Manipulation Language

It is used for adding, deleting and modifying data in database

**Basic Queries**

1)To Create Database - Create Database "Database name"

Eg: Create Database "users"

2)To Create Table - Create Table "table name"

Eg: Create Table "Student"

3)To Delete Database - Drop Database "Database name"

Eg: Drop Database "users"

4)To Delete Table - Delete Table "Table name"

Eg: Drop Table "Student"

**Advantages of SQL**

* It is easy to learn
* Can create multiple views
* Portable queries

**Real time uses of SQL**

SQL is used in

1)Financial Sectors

2)Education Sectors

3)Healthcare Sectors

4)Retail Sectors

**Problems of traditional file system**

* Data Redundancy

Storing of duplicate files. This will increase the structure size and lack of security

* Difficulty in getting Quick answers
* Data dependence

If we change one record, we have to make sure that the remaining record is updated. Any changes in storage structure may affect the functioning of the application.

* Limited data sharing and lack of security