**MYSQL AND ITS COMMANDS**

***MY SQL BASIC:-***

MySQL Basic MySQL is a popular open source relational database management system (RDBMS) used in web applications. It is based on Structured Query Language (SQL), a language for managing data in relational databases. MySQL is designed to provide a fast, reliable, and secure database management system. It is used by many web applications such as WordPress, Joomla, Drupal, and Magento. MySQL is also used in data warehouses, logging applications, and geographic information systems.

***RELATIONAL DATABASE MANAGEMENT SYSTEM:-***

A relational database management system (RDBMS) is a software application that allows users to create, read, update, and delete data from a database. It is based on the relational model, which organizes data into tables of rows and columns and allows for the definition of relationships between different tables. RDBMSs are used in a wide range of applications, such as financial software, e-commerce systems, and web applications.

* ***1. DATA DEFINITION LANGUAGE (DDL) COMMANDS:***

These commands are used to define the database schema. Examples include: CREATE, ALTER, DROP, RENAME, TRUNCATE.

* ***2. DATA MANIPULATION LANGUAGE (DML) COMMANDS:***

These commands are used to manipulate the data in the database. Examples include: SELECT, INSERT, UPDATE, DELETE.

* ***3. DATA CONTROL LANGUAGE (DCL) COMMANDS:***

These commands are used to control the data in the database. Examples include: GRANT, REVOKE.

* ***4. TRANSACTION CONTROL LANGUAGE (TCL) COMMANDS:*** These commands are used to manage transactions in the database. Examples include: COMMIT, ROLLBACK.
* ***5. DQL (Data Query Language):*** DQL is a language used to query or retrieve data from a database. It is the most common type of SQL and is used to select, insert, update, and delete data from a database.