**Database Management System**

**Database:** It is system which allows storing data.

Operating database is called database management system.

**RDBMS:** Relational Database Management System.

It is used to store data as table format.

**SQL:** Structure Query Language

All database will follow common structure standard is called SQL.

**Crud Operations:**

1. Create: Creating table and inserting data->create,insert
2. Read: Reading our extracting data from table->select
3. Update: Updating existing data into table->update
4. Delete: Deleting data from table->delete

**Database Creation:**

**Syn:** create database databasename;

**Ex:** create database School;

**To check Databases:**

**Syn:** show databases;

**To Select Database:**

**Syn:** use databasename;

**Ex:** use school;

**To create Table:**

**Syn:** create table tablename(column datatype,column datatype,…)

**Ex:** create table student(rollno int,name varchar(50),address varachar(50));

**To insert data into table:**

**Syn:** insert into tablename values(value1,value2,…)

**Ex:** insert into student values(1, 'sam','chennai');

**To Select data into table:**

**Syn:** select \* from tablename;

**Ex:** select \* from student;

**To Select Particular record into the table:**

**Syn:** select \* from tablename where condition;

**Ex:** select \* from student where rollno=1;

**To Update Record in table:**

**Syn:** update tablename set columnname=value where columnname=value;

**Ex:** update student set address=address='hyd' where rollno=1;

**To Delete Record in Table:**

**Syn:** delete from tablename where condition;

**Ex:** delete from student where rollno=1;