# DML
## By- Saurabh Kumar Sharma

# Course Objective

- To insert ,update and delete data to the tables in MySQL database.

# Session Objective

- DML – insert, update & delete

# Insert Record

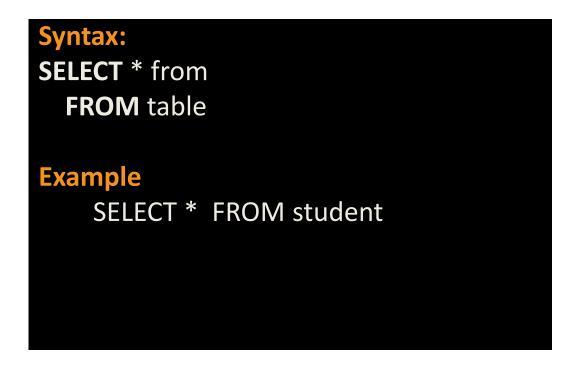| Student_ID | Name | Major | Grade |
|---|---|---|---|
| 101 | Shannon | BCB | A |

# Retrieve Record

**Syntax:**
**SELECT** * from
   **FROM** table

**Example**
   SELECT *  FROM student

| Student_ID | Name | Major | Grade |
|---|---|---|---|
| 101 | Shannon | BCB | A |
| 102 | Mike | BBMB | A |
| 103 | Wang | MCDB | A |
|  | … | … | … |

# Retrieve Record with condition

**Syntax:**

**SELECT** what_columns

   **FROM** table or tables

   **WHERE condition**

**Example**

     SELECT major, grade FROM student WHERE name='Shannon';

| Student_ID | Name | Major | Grade |
|---|---|---|---|
| 101 | Shannon | BCB | A |

# Update Record

**Syntax:**

UPDATE table_name

    SET which columns to change

    WHERE condition

**Example**

    UPDATE student SET grade='B' WHERE name='Shannon';


    SELECT * FROM student WHERE name='Shannon';

# Delete Record

**Syntax**:

DELETE FROM table_name WHERE condition

**Example**

➜DELETE FROM student WHERE name='Shannon';

Query OK, 1 row affected (0.00 sec)


DELETE FROM student;

Will delete ALL student records!

# Questions