Practical 2

**Problem Statement** - Write at least 10 SQL queries on the suitable database application using SQL DML statements

* **Code :**

-- CREATE

CREATE TABLE STUDENT (

NAME varchar(20), ROLL int,

CLASS varchar(2), DEPT varchar(10), MARKS DECIMAL(4, 2),

);

-- INSERT

INSERT INTO STUDENT VALUES('ADITYA SADAVARE', 60, 'TE', 'COMP', 9.0); INSERT INTO STUDENT VALUES('PRATIK NIKAM', 61, 'TE', 'COMP', 9.2); INSERT INTO STUDENT VALUES('DINESH NIKAM', 62, 'TE', 'COMP', 9.0);

INSERT INTO STUDENT VALUES('CHINMAY KAMLASKAR', 63, 'TE', 'COMP', 7.05); INSERT INTO STUDENT VALUES('RUDRESH DHARKAR', 64, 'TE', 'COMP', 8.05); INSERT INTO STUDENT VALUES('ATHARVA DHAWAN', 65, 'TE', 'COMP', 7.05); INSERT INTO STUDENT VALUES('SOMESH GAIKWAD', 66, 'TE', 'COMP', 8.50); INSERT INTO STUDENT VALUES('GAURAV PAWAR', 67, 'TE', 'COMP', 9.5); INSERT INTO STUDENT VALUES('GAURAV KATHE', 69, 'TE', 'COMP', 9.2);

INSERT INTO STUDENT VALUES('SHRAVAN BOBADE', 70, 'TE', 'COMP', 9.05);

-- UPDATE UPDATE STUDENT SET CLASS = 'SE'

WHERE ROLL >= 65;

-- DELETE

DELETE FROM STUDENT WHERE DEPT = 'MECH';

-- SELECT

SELECT \* FROM STUDENT;

-- MAX

SELECT TOP 1 \* FROM STUDENT

ORDER BY MARKS DESC;

-- MIN

SELECT TOP 1 \* FROM STUDENT

ORDER BY MARKS ASC;

-- BETWEEN SELECT \*

FROM STUDENT

WHERE MARKS BETWEEN 9.00 AND 9.90 ORDER BY MARKS DESC;

-- COMPARISION SELECT \*

FROM STUDENT WHERE ROLL >= 65;

-- SE STUDENT SELECT \*

FROM STUDENT

WHERE CLASS = 'SE' AND MARKS >= 9.0

GO

* **Output**



