# Third Year B. Tech (EL & CE)

**Semester: V**

**Subject:** Data Base Management System

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**Class: TY**

**Roll No: 52**

**Batch: A3**

## Experiment No: 05
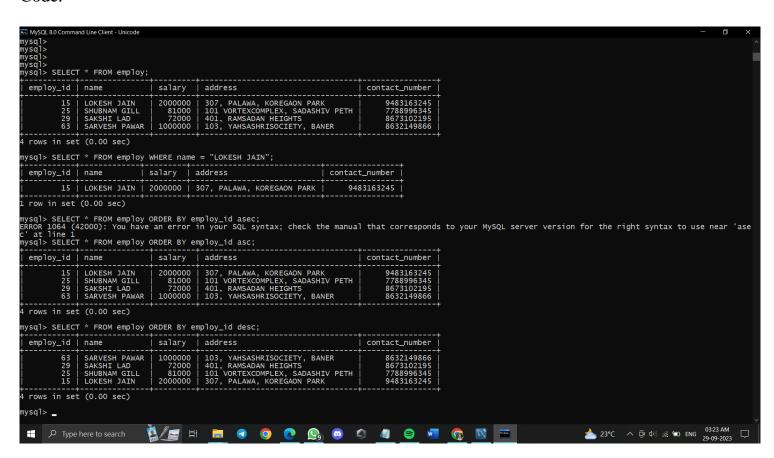
**Name of the Experiment**: SQL- DML Commands

**Performed on: 27/09/2023**

**Submitted on: 27/09/2023**

**Problem Statement:**
Select query: with all clauses (from, where order by, group by, logical operators, between and null values)

Code:



```
MySQL 8.0 Command Line Client - Unicode
mysql>
mysql>
mysql>
mysql>
mysql> SELECT * FROM employ;
+-----------+---------------+---------+-------------------------------+----------------+
| employ_id | name          | salary  | address                       | contact_number |
+-----------+---------------+---------+-------------------------------+----------------+
|        15 | LOKESH JAIN   | 2000000 | 307, PALAWA, KOREGAON PARK     |     9483163245 |
|        25 | SHUBNAM GILL  |   81000 | 101 VORTEXCOMPLEX, SADASHIV PETH |   7788996345 |
|        29 | SAKSHI LAD    |   72000 | 401, RAMSADAN HEIGHTS          |     8673102195 |
|        63 | SARVESH PAWAR | 1000000 | 103, YAHSASHRISOCIETY, BANER  |     8632149866 |
+-----------+---------------+---------+-------------------------------+----------------+
4 rows in set (0.00 sec)

mysql> SELECT * FROM employ WHERE name = "LOKESH JAIN";
+-----------+-------------+---------+---------------------------+----------------+
| employ_id | name        | salary  | address                   | contact_number |
+-----------+-------------+---------+---------------------------+----------------+
|        15 | LOKESH JAIN | 2000000 | 307, PALAWA, KOREGAON PARK |     9483163245 |
+-----------+-------------+---------+---------------------------+----------------+
1 row in set (0.00 sec)

mysql> SELECT * FROM employ ORDER BY employ_id asec;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'ase
c' at line 1
mysql> SELECT * FROM employ ORDER BY employ_id asc;
+-----------+---------------+---------+-------------------------------+----------------+
| employ_id | name          | salary  | address                       | contact_number |
+-----------+---------------+---------+-------------------------------+----------------+
|        15 | LOKESH JAIN   | 2000000 | 307, PALAWA, KOREGAON PARK     |     9483163245 |
|        25 | SHUBNAM GILL  |   81000 | 101 VORTEXCOMPLEX, SADASHIV PETH |   7788996345 |
|        29 | SAKSHI LAD    |   72000 | 401, RAMSADAN HEIGHTS          |     8673102195 |
|        63 | SARVESH PAWAR | 1000000 | 103, YAHSASHRISOCIETY, BANER  |     8632149866 |
+-----------+---------------+---------+-------------------------------+----------------+
4 rows in set (0.00 sec)

mysql> SELECT * FROM employ ORDER BY employ_id desc;
+-----------+---------------+---------+-------------------------------+----------------+
| employ_id | name          | salary  | address                       | contact_number |
+-----------+---------------+---------+-------------------------------+----------------+
|        63 | SARVESH PAWAR | 1000000 | 103, YAHSASHRISOCIETY, BANER  |     8632149866 |
|        29 | SAKSHI LAD    |   72000 | 401, RAMSADAN HEIGHTS          |     8673102195 |
|        25 | SHUBNAM GILL  |   81000 | 101 VORTEXCOMPLEX, SADASHIV PETH |   7788996345 |
|        15 | LOKESH JAIN   | 2000000 | 307, PALAWA, KOREGAON PARK     |     9483163245 |
+-----------+---------------+---------+-------------------------------+----------------+
4 rows in set (0.00 sec)

mysql>
```

SQL - DML Commands

Select Query: with all clauses (from, where order by, group by, logical operators, between, & and, null values)

→ Select query: Selct Query using different clauses:

Select * from student;
Select - from, where,
group by;
having by;
order by;

where clause
eg: select name
from instructor
where ~~dept~~ employ name = ( shreerang Mhatre)

from clause
Select* from employ name, salary;

Rename table in select clause
Select employ name
from employ name as T, salary as S
where T.salary > S.salary & employ
name = shreerang Mhatre;

Ordering the display of Tuples:-
        select employ name
        salary
        address ;
whore clause predictates
        employ name
        employ id
whore salary between 50,00,000 to 10,00,000

07/9/23