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| Programme | : | **B.Tech** | Semester | : | **FALL-2021-22** |
| Course | : | **Database Management Systems** | Code | : | **CSE2004** |
| Faculty | : | **Dr.S.L.JAYALAKSHMI** | Slot | : | **L39+L40** |

Ex. No. 3

Date:

SQL Basics – DDL and DML Commands

Note: Moodle Submission

Question

O/P Format

SQL Query

Screenshot

SQL Basics – DDL and DML

1. DDL Commands
2. Create the following schemas and add the constraints wherever it is applicable.

**emp\_details** (empno, emp\_name, DOB, address, doj, dept\_no, salary, designation).

**dept\_details** (dept\_no, dept\_name, location).

**Worksfor(Empno,Deptno,No\_of\_hours)**

1. Add email id attribute to emp relation and describe the structure
2. Change the data type of emp\_name in emp\_details relation and describe the structure
3. Change the size of any attribute and describe the structure
4. Add phone number attribute to emp\_details relation and describe the structure
5. Rename the empno attribute as Emp\_id in emp\_details relation and describe the structure
6. Delete the location attribute from dep\_details and describe the structure
7. Add Emp\_id attribute to dept\_details relation and describe the structure
8. Insert 5 records each to all the schemas
9. Display the contents of all the schemas
10. Copy the contents of emp\_details table and name the table as employee\_data.
11. Delete the contents of employee\_data table, describe the structure and display the contents of the table
12. Delete the structure of employee\_data table , describe the structure and display the contents of the table
13. DML Commands:
14. Insert required records to all tables.
15. List all employee details whose salary is > 10000
16. List the name of employee whose designation is ‘Professor’
17. List the employee Id and name who belongs to “SCOPE dept”
18. List the name and designation of the employee who receives salary between 1 lakh and 2 lakhs
19. Sort the employee details in ascending order based on the salary they receive.
20. Sort the designation of the employee by descending order and name of the employee in ascending order.
21. List the name of the employee whose name starts with ‘d’.
22. List the dept name which has ‘E’ in it.
23. Update the mobile number of emp\_id=22090