Department of Computer Science and Engineering

CS6106 - Database Management Systems

Year/Sem/Batch : II/IV/P

May 4, 2022

Practice Lab

1. Write a query to create a table employee with empno, ename, designation, and salary.

2. Write a query to display the column name and datatype of the table employee.

3. i)Write a query to create a table from an existing table with all the fields.

ii) Write a query to create a table from an existing table with selected fields.

iii)Write a query to create a new table from an existing table without any record.

4. i)Write a query to Alter the column EMPNO NUMBER(4) TO EMPNO NUMBER(6).

ii) Write a query to Alter the table employee with multiple columns (EMPNO, ENAME.)

5. i) Write a query to add a new column in to employee

ii) Write a query to add multiple columns in to employee

6. i) Write a query to drop a column from an existing table employee

ii) Write a query to drop multiple columns from employee

7. Write a query to rename table emp to employee.

8. Write a query to create primary constraints with column level

9. Write a query to create foreign key constraints with column level

10. Write a query to create Check constraints with column level

11. Write a query to create unique constraints with column level

12. Write a query to create Not Null constraints with column level

13. Write a query to create Null constraints with column level

14. Write a query to display all the information of the employees.

15. Write a query SQL to display the unique designations for the employees.

16. Write a query to find duplicate tuples in relation

17. Write a query in SQL to list the employees in the ascending order of their

salaries.

18. Compute average, minimum and maximum salaries of the group of employees

19. Give all employees of a particular department a 10% rise in salary

20. List the No.of emp's and Avg salary within each department for each job.

21. Write a query in SQL to list the employees whose salary is more than 3000

after giving 25% increment

22. Write a query in SQL to list the name of the employees, those having six

characters to their name

23. Write a query in SQL to list the details of the employees in ascending order to

the department_id and descending order to the jobs.

24. Find all employees who earn more than average salary of all the employees

25. Write a query to get the second highest salary from the Employee table.

26. Write a query to find age wise maximum salary from employee table order by

salary ascending.