

Assignment 4

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4MT19CS140
CSE, MITE

- 1) *Select employee details of dept number 10 or 30*

Query : SELECT * FROM Emp_Table WHERE DeptNo in (10,30);

- 2) *Write a query to fetch all the dept details with more than 1 Employee.*

Query: SELECT DeptNo, Dname, Loc FROM Dept_Table WHERE Dname IN
(SELECT Dname FROM Dept_Table GROUP BY Dname HAVING COUNT(*)<2);

- 3) *Write a query to fetch employee details whose name starts with the letter "S"*

Query : SELECT * from Emp_Table WHERE Ename LIKE 'S%';

- 4) *Select Emp Details Whose experience is more than 2 years*

Query : SELECT * FROM Emp_Table WHERE age(CURRENT_DATE, Hire_Date)
>2 ;

- 5) *Write a SELECT statement to replace the char "a" with "#" in Employee Name*

Query : SELECT REPLACE('Ename', 'a', '#') from Emp_Table;

- 6) *Write a query to fetch employee name and his/her manager name.*

Query : SELECT * FROM Emp_Table WHERE (EmpNo IN (SELECT Mgr FROM
Emp_Table));

- 7) *Fetch Dept Name , Total Salry of the Dept*

Query : SELECT DeptNo, SUM(Sal) FROM Emp_Table GROUP BY DeptNo;

- 8) Write a query to fetch ALL the employee details along with department name, department location, irrespective of employee existence in the department.

Query : SELECT * FROM Emp_Table E, Dept_Table D WHERE E.DeptNo= D.DeptNo;

- 9) Write an update statement to increase the employee salary by 10 %

Query: UPDATE Emp_Table SET Sal = Sal + (Sal * 10/100);

- 10) Write a statement to delete employees belong to Chennai location.

Query : DELETE FROM Emp_Table WHERE DeptNo= (SELECT DeptNo from Dept_Table WHERE Loc = "Chennai");

- 11) Get Employee Name and gross salary (sal + comission) .

Query : SELECT Ename, (Sal +Commission) as gross_salary from Emp_Table;

- 12) Increase the data length of the column Ename of Emp table from 100 to 250 using ALTER statement

Query : ALTER TABLE Emp_Table ALTER COLUMN EName VARCHAR(250);

- 13) Write query to get current datetime

Query : SELECT CURRENT_TIMESTAMP AS "CURRENT_DATE_TIME";

- 14) Write a statement to create STUDENT table, with related 5 columns

Query : CREATE TABLE STUDENT (STD_ID NUMBER(10),
NAME VARCHAR(20), DOB DATE, DOJ DATE, GENDER CHAR);

- 15) Write a query to fetch number of employees in who is getting salary more than 10000

Query : SELECT Count(*) FROM Emp_Table WHERE Sal >= 10000

16) Write a query to fetch minimum salary, maximum salary and average salary from emp table.

Query : SELECT DeptNo, MAX(Sal) AS MAXSALARY, MIN(Sal) AS MINSALARY,
AVG(Sal) AS AVGSALARY FROM Emp_Table;

17) Write a query to fetch number of employees in each location

Query : SELECT Loc, COUNT(*) FROM Emp_Table E, Dept_Table D WHERE
E.DeptNo = D.DeptNo;

18) Write a query to display employee names in descending order

Query : SELECT Ename FROM Emp_Table ORDER BY Ename ASC;

19) Write a statement to create a new table(EMP_BKP) from the existing EMP table

Query : CREATE TABLE EMP_BKP AS SELECT * FROM EMP;

20) Write a query to fetch first 3 characters from employee name appended with salary.

Query : SELECT (SUBSTRING(Ename,1,3)+Sal) FROM Emp_Table ;

21) Get the details of the employees whose name starts with S

Query : SELECT * from Emp_Table WHERE Ename LIKE 'S%';

22) Get the details of the employees who works in Bangalore location

Query : SELECT * FROM Emp_Table E, Dept_Table D WHERE E.DeptNo= D.DeptNo
AND D.Loc = "Bangalore ";

23) Write the query to get the employee details whose name started within any letter between A and K

Query : SELECT Ename FROM Emp_Table WHERE Ename LIKE '[A-E]%'

24) Write a query in SQL to display the employees whose manager name is Stefen

Query : SELECT * FROM Emp_Table WHERE Mgr = (SELECT Mgr FROM Emp_Table
WHERE Ename = "Stefen");

25) Write a query in SQL to list the name of the managers who is having maximum number of employees working under him

Query : SELECT Mgr FROM Emp_Table GROUP BY Mgr HAVING COUNT(*) = (SELECT
MAX(COUNT (Mgr)) FROM Emp_Table GROUP BY Mgr);

26) Write a query to display the employee details, department details and the manager details of the employee who has second highest salary

Query : SELECT * FROM Emp_Table E, Dept_Table D WHERE E.DeptNo= D.DeptNo
AND E.Sal = (SELECT MAX (Sal) FROM Emp_Table WHERE Sal < (SELECT MAX(Sal)
FROM Emp_Table)) ;

27) Write a query to list all details of all the managers

Query : SELECT * FROM Emp_Table WHERE EmpNo IN (SELECT Mgr FROM Emp_Table
);

28) Write a query to list the details and total experience of all the managers

Query : SELECT *, age(CURRENT_DATE, Hire_Date) "Experience" FROM Emp_Table
WHERE EmpNo IN (SELECT Mgr FROM Emp_Table);

29) Write a query to list the employees who is manager and takes commission less than 1000 and works in Delhi

Query : SELECT * FROM Emp_Table E, Dept_Table D WHERE EmpNo IN (SELECT Mgr
FROM Emp_Table) AND Commission < 1000 AND D.Loc = "Delhi" WHERE E.DeptNo=
D.DeptNo ;

30) Write a query to display the details of employees who are senior to Martin

Query : SELECT * FROM Emp_Table WHERE Hire_Date < (SELECT Hire_Date FROM
Emp_Table WHERE Ename = "Martin");