

# Assignment-4

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

**SELECT \* FROM Emp\_Table WHERE DeptNo in (10,30);**

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

**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"*

**SELECT \* from Emp\_Table WHERE Ename LIKE 'S%';**

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

**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*

**SELECT REPLACE('Ename', 'a', '#') from Emp\_Table;**

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

**SELECT \* FROM Emp\_Table WHERE (EmpNo IN (SELECT Mgr FROM Emp\_Table));**

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

**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.

**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 %

**UPDATE Emp\_Table SET Sal = Sal + (Sal \* 10/100);**

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

**DELETE FROM Emp\_Table WHERE DeptNo= (SELECT DeptNo from Dept\_Table WHERE Loc = "Chennai");**

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

**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

**ALTER TABLE Emp\_Table ALTER COLUMN EName VARCHAR(250);**

- 13) Write query to get current datetime

**SELECT CURRENT\_TIMESTAMP AS "CURRENT\_DATE\_TIME";**

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

**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

**SELECT Count(\*) FROM Emp\_Table WHERE Sal >= 10000**

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

**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

**SELECT Loc, COUNT(\*) FROM Emp\_Table E, Dept\_Table D WHERE DeptNo =  
D.DeptNo;**

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

**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

**CREATE TABLE EMP\_BKP AS SELECT \* FROM EMP;**

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

**SELECT (SUBSTRING(Ename,1,3)+Sal) FROM Emp\_Table ;**

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

**SELECT \* from Emp\_Table WHERE Ename LIKE 'S%';**

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

**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

**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

**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

**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

**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

**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

**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

**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

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