

Assignment 4

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's name.
Query : `SELECT * FROM Emp_Table WHERE (EmpNo IN (SELECT Mgr FROM Emp_Table));`
7. Fetch Dept Name , Total Salary 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-K]%' ;

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");`