Assignment-4

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4MT19CS041

CSE, MITE

1. *Select employee details of dept number 10 or 30*

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

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

**SELECT DeptNo, Dname, Loc FROM Dept\_TableWHERE Dname IN (SELECT Dname FROM Dept\_Table GROUP BY Dname HAVING COUNT(\*)<2);**

1. *Write a query to fetch employee details whose name starts with the letter “S”*

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

1. *Select Emp Details Whose experience is more than 2 years*

**SELECT \* FROM Emp\_Table WHERE age(CURRENT\_DATE, Hire\_Date)**

**>2 ;**

1. *Write a SELECT statement to replace the char “a” with “#” in Employee Name*

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

1. *Write a query to fetch employee name and his/her manager name.*

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

1. *Fetch Dept Name , Total Salry of the Dept*

**SELECT DeptNo, SUM(Sal) FROM Emp\_Table GROUP BY DeptNo;**

1. *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;**

1. *Write an update statement to increase the employee salary by 10 %*

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

1. *Write a statement to delete employees belong to Chennai location.*

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

1. *Get Employee Name and gross salary (sal + comission) .*

**SELECT Ename, (Sal +Commission ) as gross\_salary from Emp\_Table;**

1. *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);**

1. *Write query to get current datetime*

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

1. *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);**

1. *Write a query to fetch number of employees in who is getting salary more than 10000*

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

1. *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;**

1. *Write a query to fetch number of employees in each location*

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

1. *Write a query to display emplyee names in descending order*

**SELECT Ename FROM Emp\_Table ORDER BY Ename ASC;**

1. *Write a statement to create a new table(EMP\_BKP) from the existing EMP table*

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

1. *Write a query to fetch first 3 characters from employee name appended with salary.*

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

1. *Get the details of the employees whose name starts with S*

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

1. *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 ”;**

1. *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]%'**

1. *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 ” );**

1. *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 );**

1. *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) ) ;**

1. *Write a query to list all details of all the managers*

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

**);**

1. *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 );**

1. *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 ;**

1. *Write a query to display the details of employees who are senior to Martin*

**SELECT \* FROM Emp\_Table WHERE Hire\_Date < ( SELECT Hire\_Date FROM Emp\_Table WHERE Ename = “Martin” );**