Assignment 4

1. Select employee details of dept number 10 or 30

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

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

Query: 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”

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

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

Query : 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

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

1. 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));

1. Fetch Dept Name , Total Salary of the Dept

Query : 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.

Query : 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 % .

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

1. 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”);

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

Query : 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

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

1. Write query to get current datetime

Query : SELECT CURRENT\_TIMESTAMP AS "CURRENT\_DATE\_TIME";

1. 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);

1. 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

1. 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;

1. 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;

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

Query : 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

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

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

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

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

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

1. 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 ”;

1. 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]%';

1. 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 ” );

1. 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 );

1. 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) ) ;

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

Query : 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

Query : 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.

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 ;

1. 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” );