**CSE 311**

**Lab Activity**

**1.Solution**

SELECT Last\_Name,Hire\_Date

from emps WHERE Hire\_Date LIKE "1994\_\_\_\_\_\_"

**2.Solution**

SELECT Last\_Name, Salary, Commission\_pct

from emps

order by Salary, Commission\_pct DESC

**3.Solution**

SELECT Last\_Name

from emps

WHERE Last\_Name LIKE "%a%%e%" OR Last\_Name like "%e%%a%"

**4.Solution**

SELECT e.Last\_Name, e.Employee\_Id, d.Department\_Name

FROM emps e,depts d

WHERE (e.Department\_Id=d.Department\_id)

**5.Solution**

SELECT emps.Last\_Name, depts.Department\_id, locs.Location\_id,locs.City

FROM emps,depts,locs

WHERE (emps.Department\_Id=depts.Department\_id) and (locs.Location\_id=depts.Location\_id)

**6.Solution**

SELECT emps.Last\_Name, emps.Job\_Id, depts.Department\_id, depts.Department\_Name

from emps,depts,locs

WHERE (emps.Department\_Id=depts.Department\_id) and (depts.Location\_id=locs.Location\_id) and locs.City LIKE "TORONTO"

**7.Solution**

SELECT Last\_Name, Salary, Commission\_pct

from emps

WHERE Commission\_pct > 0

order by Salary, Commission\_pct DESC

**8.Solution**

SELECT e.Last\_Name "Employee",e.Employee\_Id "EMP#", f.Last\_Name "Manager", f.Employee\_Id "Mgr#"

from emps e, emps f

where (e.Manager\_id=f.Employee\_Id)

**9.Solution**

SELECT round(MAX(Salary)), round(MIN(Salary)), round(SUM(Salary)), round(AVG(Salary))

FROM emps

**10.Solution**

SELECT job\_id, ROUND(MAX(salary),0) "Maximum", ROUND(MIN(salary),0) "Minimum", ROUND(SUM(salary),0) "Sum", ROUND(AVG(salary),0) "Average" FROM emps GROUP BY job\_id

**11.Solution**

SELECT Job\_Id, COUNT(\*) FROM emps GROUP BY Job\_Id;

**12.Solution**

SELECT Manager\_Id, MIN(Salary) FROM emps WHERE Manager\_Id IS NOT NULL GROUP BY Manager\_Id HAVING MIN(Salary) > 6000 ORDER BY MIN(Salary) DESC;

**Homework problem**