Week 1 Hands on Session

1.

Create table INSTRUCTOR

(ins\_id Integer Primary Key Not Null,

lastname VARCHAR(15) Not Null,

firstname VARCHAR(15) Not Null,

city VARCHAR(15),

country CHAR(2)

)

2.

Insert into Instructor

(ins\_id, lastname, firstname, city, country)

VALUES

(1, 'Ahuja', 'Rav', 'Toronto', 'CA')

Insert into Instructor

values

(2, 'Chong', 'Raul', 'Toronto', 'CA'),

(3, 'Vasudevan', 'Hima', 'Chicago', 'US')

3.

Select \* from INSTRUCTOR

Select firstname, lastname, country from INSTRUCTOR where city='Toronto'

4.

Update INSTRUCTOR set city='Markham' where ins\_id=1

5.

Delete from INSTRUCTOR where ins\_id=2

Select\* From Instructor

Week 2 Hands On Session:

1.

select F\_NAME , L\_NAME

from EMPLOYEES

where ADDRESS LIKE '%Elgin,IL%'

2.

select F\_NAME , L\_NAME

from EMPLOYEES

where B\_DATE LIKE '197%'

3.

select \*

from EMPLOYEES

where (SALARY BETWEEN 60000 and 70000)and DEP\_ID = 5

4.

select F\_NAME, L\_NAME, DEP\_ID

from EMPLOYEES

order by DEP\_ID

5.

select F\_NAME, L\_NAME, DEP\_ID

from EMPLOYEES

order by DEP\_ID desc, L\_NAME desc

6.

select DEP\_ID, COUNT(\*)

from EMPLOYEES

group by DEP\_ID

7.

select DEP\_ID, COUNT(\*), AVG(SALARY)

from EMPLOYEES

group by DEP\_ID

8.

select DEP\_ID, COUNT(\*) as "NUM\_EMPLOYEES", avg(SALARY) AS "averagesalary"

from EMPLOYEES

group by DEP\_ID

9.

select DEP\_ID, COUNT(\*) as "NUM\_EMPLOYEES", avg(SALARY) AS "averagesalary"

from EMPLOYEES

group by DEP\_ID

order by averagesalary

10.

select DEP\_ID, COUNT(\*) as "NUM\_EMPLOYEES", avg(SALARY) AS "averagesalary"

from EMPLOYEES

group by DEP\_ID

having count(\*) < 4

order by averagesalary