Recursive queries

1.

select cname, cno

from COURSEX

where cno

in

(select cno

from PREREQ

where

cno = 'T11'

or pcno = 'T11');

2.

with C (cno, pcno, cname) AS

(select cno, pcno, cname

from coursex

where cno = 'T33'

union all

select x.cno, x.pcno, x.cname

from c, coursex x

where c.pcno = x.cno)

select cno, pcno ,cname

from c

3.

with C (cno, pcno, cname, clabfee) AS

(select cno, pcno, cname, clabfee

from coursex

where cno = 'C66'

union all

select x.cno, x.pcno, x.cname, x.clabfee

from c, coursex x

where c.pcno = x.cno)

select cno, pcno ,cname, clabfee

from c

where clabfee > 0

The where clabfee coming after the recursive statement is there because if it was included as a recursive statement the it would not include one course that was indirectly a prereq for c66

4.

select cname, cno, pcno

from COURSEX

where cno = 'C33';

5.

with C (cno, pcno, cname) as

(select cno, pcno, cname

from COURSEX

where cno = 'T11'

union all

select x.cno, x.pcno, x.cname

from C, coursex x

where c.cno = x.pcno)

select cno, pcno, cname

from C;