

Francisco J Segarra Jr.  
Professor St Clair  
CSCE 360  
24 Oct 19

## Final Project part2

1)

```
SELECT *  
    from realtor r  
    where rid not in  
    (select rid  
        from client c, sell s  
        where c.cid = s.scid)
```

2)

```
SELECT pid, `listing price`, street, city, state, zip, acreage  
    from pland l, bland b, property p  
    where p.pid = l.plid and b.cid = 20003  
    and lmin <= acreage and lmax >= acreage;
```

3)

```
SELECT pid, `listing price`, street, city, state, zip, pbeds, pbaths, pstyle  
    from phouse l, bhouse b, property p  
    where p.pid = l.phid and b.cid = 20002  
    and bbeds <= pbeds and bbaths <= pbaths and bstyle <= pstyle;
```

4)

```
SELECT t.pid, b.cid, scid, n.rid, c.rid  
    from transaction t, property p, client c, client n  
    where t.pid = p.pid and p.scid = c.cid and t.bcid = n.cid
```

5)

```
SELECT t.pid, rid, `listing price`, `selling price`  
    from transaction t, property p, client c  
    where p.scid = c.cid and t.pid = p.pid  
    and `selling price` > `listing price`;
```

6)

```
select r.rid, rfname, rlname  
    from transaction t, client c, realtor r  
    where t.bcid = c.cid and c.rid = r.rid  
    group by rid having count(*)>3;
```

7)

```
select *  
FROM  
(select t.pid, (`selling price` - `listing price`) as profit  
  from transaction t, property p  
  where t.pid = p.pid and `selling price` > `listing price`) as sub  
ORDER BY `sub`.`profit` DESC LIMIT 1
```

8)

```
select rid, rfname, rlname  
From  
(select r.rid, rfname, rlname, count(*)  
  from property p, client c, realtor r  
  where p.scid = c.cid and c.rid = r.rid and flag = 'L'  
 group by rid having count(*) as reals  
ORDER BY `count(*)` DESC LIMIT 1
```

9)

```
SELECT DISTINCT pid, acreage  
  from property p, pland l, bland b,  
(SELECT MAX(lmin) as bot, MIN(lmax) as top  
  from bland b) as lim  
  where acreage >= bot and acreage <= top  
  and p.pid = l.plid
```

10)

```
SELECT *, `selling price` * .03  
  from  
(select r.rid, rfname, rlname, `selling price`  
  from transaction t, client c, realtor r  
  where c.rid = r.rid and t.bcid = c.cid) as sub  
ORDER BY `sub`.`selling price` DESC LIMIT 1
```