1)==============================================

select profile\_id, first\_name+ ' '+ last\_name as FULL\_NAME,phone

FROM Profiles

WHERE

(profile\_id IN

(

SELECT max(difference(move\_out\_date, move\_in\_date))

FROM [Tenancy History]));

2)===============================================

select first\_name+ ' '+ last\_name as FULL\_NAME,phone,email\_id

FROM Profiles

WHERE

(Profile\_id IN

(

SELECT Profile\_id

FROM Profiles

WHERE marital\_status= '1' ) or PROFILE\_ID IN

( SELECT Profile\_id

FROM [Tenancy History]

WHERE Rent> '9000'));

3)=============================================

SELECT pr.first\_name+' '+pr.last\_name as full\_name,

pr.email\_id,

pr.phone,

pr.profile\_id,

th.house\_id,

th.move\_in\_date,

th.move\_out\_date,

th.rent,

es.latest\_employer,

es.occupational\_category,

count(ref.profile\_id)

FROM Profiles pr

INNER JOIN [Tenancy\_History] th ON (pr.profile\_id = th.profile\_id AND move\_in\_date >= 'Jan 2015' AND move\_out\_date <= 'Jan 2016')

INNER JOIN Employee\_Status es ON (th.profile\_id = es.profile\_id)

LEFT JOIN Referral as ref ON (pr.profile\_id = ref.profile\_id)

GROUP BY pr.first\_name+' '+pr.last\_name,

pr.email\_id,

pr.phone,

pr.profile\_id,

th.house\_id,

th.move\_in\_date,

th.move\_out\_date,

th.rent,

es.latest\_employer,

es.occupational\_category

1. ============================================

select CONCAT(p.first\_name,' ',p.last\_name) as FullName,

p.email\_id,

p.phone,

p.referral\_code,

r.TotalReferralBonus

from Profiles as p

inner join (select profile\_id,sum(referrer\_bonus\_amount) as TotalReferralBonus from Referral

where referral\_valid=1

group by profile\_id) as r

on p.profile\_id=r.profile\_id

5)============================================

SELECT

isnull

(Profiles.city,'Grand Total') as CITY,

SUM ( th.rent) TotalRentByCity

FROM

Profiles

INNER JOIN Tenancy\_History th ON Profiles.profile\_id = th.profile\_id

GROUP BY

Profiles.city

WITH ROLLUP

6)===========================================

create view

vw\_tenant

as

select profile\_id, rent, move\_in\_date, h.house\_type, h.beds\_vacant, a.description, a.city

from Tenancy\_History as t

inner join Houses as h

on t.house\_id=h.house\_id

inner join Addresses as a

on a.house\_id=h.house\_id

where move\_in\_date>='2015-04-30'

and move\_out\_date is null and

h.beds\_vacant>0

SELECT \* from vw\_tenant;

7)==========================================

SELECT C.profile\_id, valid\_till, DATEADD (MONTH, 1, valid\_till) as NewValidDate

from Referral

inner join

(SELECT profile\_id, count(profile\_id) AS COUNT

from Referral

group by profile\_id

having count(profile\_id)>2 )C

on C.profile\_id= Referral.profile\_id

1. ===========================================

select p.profile\_id,

CONCAT(p.first\_name,' ',p.last\_name) as FullName,

p.phone, iif(t.rent>10000,'Grade A',iif(t.rent<7500,'Grade C', 'Grade B')) as 'Customer Segment' from Profiles as p

inner join Tenancy\_History as t on t.profile\_id=p.profile\_id

9)===========================================

select CONCAT(p.first\_name,' ',p.last\_name) as FullName,

p.phone, p.[city], h.house\_type, h.bhk\_type, h.bed\_count, h.furnishing\_type, h.Beds\_vacant

from Profiles as p

inner join Tenancy\_History as t

on t.profile\_id=p.profile\_id

inner join Houses as h

on t.house\_id=h.house\_id

where p.profile\_id not in (select profile\_id from Referral)

10)===========================================

SELECT house\_id, house\_type, bhk\_type, bed\_count, beds\_vacant, furnishing\_type FROM Houses

WHERE (bed\_count - beds\_vacant) = (select ( MAX(bed\_count - beds\_vacant)) from Houses)