Create database Tenant

Create Table Profiles

(

[profile\_id][Int] Identity(1,1) PRIMARY KEY NOT NULL,

[first\_name][varchar](255) NULL,

[last\_name][varchar](255) NULL,

[email][varchar](255)NOT NULL,

[phone][varchar](255)NOT NULL,

[city(hometown)][varchar](255) NULL,

[pan\_card][varchar](255)NULL,

[created\_at][Date]NOT NULL,

[gender][varchar](255)NOT NULL,

[referral\_code][varchar](255)NULL,

[marital\_status][varchar](255)NULL,

)

Create Table Houses

(

[house\_id][Int] Identity(1,1) PRIMARY KEY NOT NULL,

[house\_type][varchar](255) NULL,

[bhk\_details][varchar](255) NULL,

[bed\_count][Int]NOT NULL,

[furnishing\_type][varchar](255) NULL,

[Beds\_vacant][Int]NOT NULL,

)

Create Table Tenancy\_histories

(

[id][Int] Identity(1,1)NOT NULL,

[profile\_id][INT]NOT NULL,

[house\_id][INT]NOT NULL,

[move\_in\_date][Date]NOT NULL,

[move\_out\_date][Date]NULL,

[rent][Int]NOT NULL,

[Bed\_type][varchar](255)NULL,

[move\_out\_reason][varchar](255)NULL,

CONSTRAINT pk\_Tenancy\_histories PRIMARY KEY(id),

CONSTRAINT fk\_Profiles FOREIGN KEY(profile\_id) References

Profiles(profile\_id),

CONSTRAINT fk\_Houses FOREIGN KEY(house\_id) References

Houses(house\_id)

)

Create Table Addresses

(

[ad\_id][Int] Identity(1,1) PRIMARY KEY NOT NULL,

[name][varchar](255) NULL,

[description][text]NULL,

[pincode][Int]NULL,

[city][varchar](255) NULL,

[house\_id][Int]NOT NULL,

CONSTRAINT fk\_Houses\_Addresses FOREIGN KEY(house\_id) References

Houses(house\_id)

)

Create Table Referrals

(

[ref\_id][Int] Identity(1,1) PRIMARY KEY NOT NULL,

[referrer\_id(same as profile id)][INT] NOT NULL,

[referrer\_bonus\_amount][float]NULL,

[referral\_valid][tinyint] NULL,

[valid\_from][Date] NULL,

[valid\_till][Date] NULL,

CONSTRAINT fk\_Profiles\_Referrals FOREIGN KEY([referrer\_id(same as profile id)]) References

Profiles(profile\_id)

)

Create Table Employment\_details

(

[id][Int] Identity(1,1) PRIMARY KEY NOT NULL,

[profile\_id][INT] NOT NULL,

[latest\_employer][varchar](255)NULL,

[official\_mail\_id][varchar](255)NULL,

[yrs\_experience][Int]NULL,

[Occupational\_category][varchar](255)NULL

CONSTRAINT fk\_Profiles\_Employment\_details FOREIGN KEY(profile\_id) References

Profiles(profile\_id)

)

Insert into Profiles

(first\_name,last\_name,email,phone,[city(hometown)],created\_at,gender,referral\_code,marital\_status)

Values

('anusha','pariti','anusha.pariti@gmail.com',8105987404,'Bangalore','4/16/2015','F','7L5FZW','Y')

Insert into Profiles

(first\_name,last\_name,email,phone,[city(hometown)],created\_at,gender,referral\_code,marital\_status)

Values

('Ashish','Singh','ashish.singh@gmail.com',9876890463,'Bangalore','5/23/2015','M','KF34MF','Y'),

('Bhaskar','maheshwari','bhaskar.mah@gmail.com',9801834992,'Bangalore','5/1/2015','M','5TYSHGF','N')

Select \* from Profiles

Insert into Profiles

(first\_name,last\_name,email,phone,[city(hometown)],created\_at,gender,referral\_code,marital\_status)

Values

('Garima','Yadav','garima0191@gmail.com',81059237004,'Bangalore','10/20/2015','F','5G5FQW','N'),

('Tanvi','mann','tanvi.mann1907@gmail.com',9178352769,'Bangalore','2/16/2015','F','JSH48B','N'),

('Harish','sahai','harish294all@gmail.com',9876548763,'Bangalore','11/11/2015','M','MKGI2W','Y'),

('Kamal','gera','kamal0094@gmail.com',8105987404,'Bangalore','10/31/2015','M','MK34ER','N'),

('Tushar','kapoor','tushar.kapoor21@gmail.com',8926537154,'Pune','12/12/2015','M','KLF12E','N'),

('Shivshankar','das','sankar.shiva730@gmail.com',9801834992,'Pune','10/6/2015','M','3RE5TY','Y'),

('Aditi','jain','aditi.jain@sproxil.com',9873123456,'Pune','6/11/2015','F','5TPL4E','N'),

('Deepa','sudhakar','sudhakar.deepa@gmail.com',7896785432,'Pune','9/15/2015','F','4RTYUIO','Y'),

('Umang','parejiya','uparejiya@gmail.com',7896543674,'Pune','7/18/2015','M','6TY4WE','N'),

('Mitali','gupta','mitali.gupta80@gmail.com',8796751238,'Pune','3/24/2015','F','5RTYU3','Y'),

('Manisha','Yadav','maniyadav88@gmail.com',9867845182,'Delhi','1/27/2015','F','LKGHY6','N'),

('Shivani','godha','shivani\_go@nid.edu',9878673428,'Delhi','2/19/2015','F','8NM4R','Y'),

('Rajan','pandey','raajanpandey@gmail.com',8987647811,'delhi','9/4/2015','M','5TYUIO','N'),

('Roosena','manuel','roseenasimimanuel@gmail.com',9875623345,'Delhi','4/13/2015','F','6TYHU','Y'),

('Prabhjot','gill','prabhjotgill09@gmail.com',9800786688,'Delhi','12/30/2015','M','GHJK34','N'),

('Ankita','sharma','ankita.anku96@gmail.com',9988789656,'Delhi','8/17/2015','F','TH67TY','Y'),

('Karan','Singh','karan.singh@gmail.com',8976665768,'Delhi','9/15/2015','M','LRF34F','N');

Select \* from Profiles

Insert into Houses

(house\_type,bhk\_details,bed\_count,furnishing\_type,beds\_vacant)

Values

('Apartment','3 BHK',5,'unfurnished',2)

Select \* from Houses

Insert into Houses

(house\_type,bhk\_details,bed\_count,furnishing\_type,beds\_vacant)

Values

('Apartment','3 BHK','3','unfurnished','1'),

('Apartment','3 BHK','6','fully-furnished','4'),

('Apartment','2 BHK','2','fully-furnished','0'),

('Independent','4 BHK','4','fully-furnished','2'),

('Apartment','3 BHK','3','semifurnished','1'),

('Apartment','3 BHK','3','semifurnished','0'),

('Apartment','2 BHK','4','fully-furnished','1'),

('Independent','1 BHK','2','unfurnished','0'),

('Independent','3 BHK','3','fully-furnished','1'),

('Apartment','1 BHK','1','unfurnished','0'),

('Independent','1 BHK','2','unfurnished','1'),

('Independent','2 BHK','4','unfurnished','2'),

('Apartment','3 BHK','3','fully-furnished','0'),

('Independent','1 BHK','2','unfurnished','1'),

('Apartment','3 BHK','3','fully-furnished','0'),

('Independent','3 BHK','3','fully-furnished','1'),

('Independent','2 BHK','2','fully-furnished','1'),

('Independent', '3 BHK','3','fully-furnished','1'),

('Independent','1 BHK','2','unfurnished','2');

Select \* from Houses

--Identity Insert on

SET IDENTITY\_INSERT Addresses on

Insert into Addresses

(name,description,city,pincode,house\_id,ad\_id)

Values

('Zaanz appartment','Sterling BrookSide, Opp. Kundalahalli Colony, ITPL Main Rd','bangalore',560037,1,2);

Select \* from Addresses;

--Identity Insert Off

SET IDENTITY\_INSERT Addresses Off

Insert into Addresses

(name,description,city,pincode,house\_id)

Values

('stag saptgiri', 'No.44,Ground floor,20th cross,Sector 2 HSR Layout,Bangalore.',

'bangalore',560102,2),

('sri sai enclave', 'No.44,First floor,20th cross,Sector 2 HSR Layout.','bangalore',560102,3),

('orchids building', 'D-208, Balaji Pristine Whitefield Main Road','bangalore',560066,4),

('Fella homes', '#11,Annaiya Reddy Rd, Narayana Reddy Layout,Phase 2, Electronic

City','bangalore',560100,5),

('Juniper appartments', '# 595/1, 1st Floor,1st A main, Domlur Layout', 'bangalore',560038,6),

('UDB Building', 'Flat No: T1 Deccan Field Appartment Kunadanhalli main road','bangalore',560037,7),

('Apoorva society', 'Flat No-202, Apoorva Apartment No-296 Vyalikaval House Building Cooperative Society

Ltd Nagavara','Delhi',561202,8),

('Stag saptgiri', 'Flat No-202, stag saptgiri No-26 phase2 Cooperative Society','Delhi',560045,9),

('VaK Residency', '302,#473 VAK Residency, B-Block, AECS Layout Kundalahalli,','Delhi',456738,10),

('Sunshine hills', 'Flat no 3, water ville apartment R.galli','Delhi',100234,11),

('Sri Sai appartment', '2nd House, No-80/289, Sri Hari Darshan Nilaya, Ground Floor,

Bellandur','Delhi',560107,12),

('Barvika Residency','B105, 1st floor, B block, Barvika Residency','Delhi',5610023,13),

('Nestaway building', '#157, 4th Cross, 1st Main Road, Lower Palace Orchard', 'Delhi',546783,14),

('Windsor Plaza', '#301, Windsor Plaza,ITPL','Pune',560025,15),

('Indira society', 'No. 502, Indira Meadows, Arunodaya Colony','Pune',302017,16),

('Sri Krishna Society', 'Flat No-211 Sri Krishna sai enclave, Hoodi village, beside Vivekananda Ashram,

Mahadevapura post','Pune',560048,17),

('uniworld', 'D1-1201, Uniworld Garden 2','Pune',543678,18),

('Vinayaka residency', '49, House 1 lathangi 2nd main vinayaka housing layout, RMV 2nd stage

bhoopasandra','Pune',560094,19),

('Sun city appartments','Majeera Diamond Towers,malad-west','Pune',5600263,20);

Select \* from Addresses;

Insert into Employment\_details

(latest\_employer,official\_mail\_id,yrs\_experience,occupational\_category,profile\_id)

Values

('Sabre','mehdi.hasan@sabre.com',1,'Working',1),

('hindustan unilever','rags.ramgas@gmail.com',2,'Working',2),

('Technicolor','jigna.thacker@technicolor.com',1,'Working',3),

('','',NULL,'Student',4),

('GE Healthcare','ruchita.save@ge.com',3,'Working',5),

('Aditya birla','shubhi.bajpai@adityabirla.com',3,'Working',6),

('','', NULL,'Student',7),

('','', NULL,'Student',8),

('','', NULL,'Student',9),

('[huawei Technologies]','gunjan19wadhwa@gmail.com',4,'Working',10),

('','', NULL,'Student',11),

('Centurylink India','PreetInder.Sodhi@centurylink.com',2,'Working',12),

('SAP Labs India','udit.singh@sap.com',2,'Working',13),

('NestAway','deepak@nestaway.com',1,'Working',14),

('','', NULL,'Student',15),

('','', NULL,'Student',16),

('Microsoft','t-akmeh@microsoft.com',2,'Working',17),

('Cognizant','bhavranjan.pandey@cognizant.com',2,'Working',18),

('','', NULL,'Student',19),

('Tiny Mogul Games','sanchit@hike.in',3,'Working',20);

Select \* from Employment\_details;

Insert into Referrals

(referrer\_bonus\_amount,referral\_valid,valid\_from,valid\_till,[referrer\_id(same as profile id)])

Values

(2500, 1, '7/5/2015', '9/5/2015', 2),

(2500, 1, '7/5/2015', '9/5/2015', 3),

(1000, 0, '12/13/2015', '2/13/2016', 5),

(2500, 0, '4/25/2016', '6/24/2016', 6),

(1000, 1, '7/1/2015', '9/1/2015', 10),

(2500, 1, '5/12/2015', '7/12/2015', 12),

(2500, 0, '8/5/2015', '10/5/2015', 13),

(1000, 1, '2/5/2016', '4/5/2016', 20),

(2500, 0, '8/12/2015', '9/12/2015', 2),

(1000, 1, '2/18/2016', '4/18/2016', 5),

(1500, 1, '6/19/2016', '8/19/2016', 20),

(2500, 0, '11/15/2015', '1/15/2016', 9),

(1000, 1, '2/1/2016', '4/1/2016', 13),

(1000, 1, '4/25/2016', '6/24/2016', 5);

Select \* from Referrals;

Insert into Tenancy\_histories

([move\_in\_date],[move\_out\_date],rent,[bed\_type],[move\_out\_reason],house\_id,profile\_id)

Values

('2/12/2015','4/30/2016',7500,'bed','MOVE\_OUT',5,1),

('6/5/2015',NULL,11000,'room','',2,2),

('10/28/2015','11/28/2016',12000,'room','RENT\_CHANGE',4,3),

('4/26/2015',NULL,8000,'bed','',1,4),

('5/15/2015','12/27/2015',9000,'bed','MOVE\_OUT',3,5),

('12/25/2015',NULL,10200,'room','',8,6),

('11/20/2015',NULL,6500,'bed','',6,7),

('11/10/2015','12/31/2016',7200,'bed','MOVE\_OUT',7,8),

('10/15/2015',NULL,7500,'bed','',9,9),

('6/20/2015',NULL,7500,'bed','',10,10),

('8/29/2015','6/14/2016',8000,'bed','INTERNAL\_TRANSFER',19,11),

('2/24/2015',NULL,11000,'room','',15,12),

('2/25/2015',NULL,12000,'room','',12,13),

('1/7/2016','12/30/2016',13500,'room','MOVE\_OUT',18,14),

('4/7/2015',NULL,6500,'bed','',13,15),

('4/23/2015',NULL,6500,'bed','',17,16),

('2/10/2015',NULL,10500,'room','',14,17),

('10/16/2015','9/4/2016',8000,'bed','MOVE\_OUT',16,18),

('9/26/2015',NULL,7500,'bed','',20,19),

('9/30/2015',NULL,9500,'bed','',11,20);

Select \*from Tenancy\_histories;

--Check the data in all Table

Select \* from Profiles

Select \* from Houses

Select \* from Addresses

Select \* from Employment\_details

Select \* from Referrals

Select \* from Tenancy\_histories

--Project Questions

/\*

1. Write a query to get Profile ID, Full Name and Contact Number of the tenant who has stayed

with us for the longest time period in the past

\*/

--Answer 1

Select move\_in\_date, move\_out\_date, profile\_id,

[diff\_in\_day]=DATEDIFF(DD,move\_in\_date,move\_out\_date)

from Tenancy\_histories

order by [diff\_in\_day] desc

Select profile\_id as [Profile ID], first\_name+' '+last\_name As [Full Name], phone AS [Contact Number]

from Profiles where profile\_id=1;

/\*

2. Write a query to get the Full name, email id, phone of tenants who are married and paying

rent > 9000 using subqueries

\*/

--Answer 2

Select first\_name+' '+last\_name As [Full name], email as [email id], phone from Profiles

where marital\_status='Y' and profile\_id In

(SELECT profile\_id FROM Tenancy\_histories

WHERE rent>9000);

/\*

3. Write a query to display profile id, full name, phone, email id, city , house id, move\_in\_date ,

move\_out date, rent, total number of referrals made, latest employer and the occupational

category of all the tenants living in Bangalore or Pune in the time period of jan 2015 to jan

2016 sorted by their rent in descending order

\*/

--Answer 3

Select \* from Referrals

Create View [Refer\_03] AS

Select [referrer\_id(same as profile id)], sum(referral\_valid) as [total number of referrals] from Referrals

Group by [referrer\_id(same as profile id)]

Select \* from Refer\_03 order by [total number of referrals] desc

--Rename a Column

sp\_rename 'Refer\_03.[referrer\_id(same as profile id)]','profile\_id'

Create View [R3\_ES] AS

Select R3.profile\_id, R3.[total number of referrals], ES.latest\_employer, ES.occupational\_category

from Refer\_03 R3

Inner Join

Employment\_details ES

On

ES.profile\_id=R3.profile\_id

Select \* from [R3\_ES]

Create View [Profile\_TH] AS

Select p.profile\_id as [profile id], p.first\_name+' '+p.last\_name as [full name], p.phone, p.email as [email id], p.[city(hometown)] as city,

t.house\_id, t.move\_in\_date, t.move\_out\_date, t.rent

from

Profiles p join Tenancy\_histories t on

p.profile\_id = t.profile\_id

Where p.[city(hometown)]='Bangalore' or p.[city(hometown)]='Pune'

and t.move\_in\_date between '01/01/2015' and '01/01/2016'

Select \* from [Profile\_TH]

Select \*

from

[R3\_ES] RE

Inner Join

[Profile\_TH] PT

On

RE.profile\_id = PT.[profile id]

Select \* from R3\_ES

Select \* from [Profile\_TH]

Select PT.[profile id], PT.[full name], PT.phone, PT.[email id], PT.city, PT.house\_id as [house id], PT.move\_in\_date,

PT.move\_out\_date, PT.rent, RE.[total number of referrals] as [total number of referrals made], RE.[latest\_employer] as [latest employer],

RE.[occupational\_category] as [occupational category]

from

[R3\_ES] RE

Inner Join

[Profile\_TH] PT

On

RE.profile\_id = PT.[profile id]

/\*

4. Write a sql snippet to find the full\_name, email\_id, phone number and referral code of all

the tenants who have referred more than once.

Also find the total bonus amount they should receive given that the bonus gets calculated

only for valid referrals.

\*/

--Answer 4

Select P.profile\_id, P.first\_name+' '+P.last\_name as full\_name, P.email as [email\_id], P.phone as [phone number],

P.referral\_code, R.[referrer\_id(same as profile id)], R.referral\_valid, R.[referrer\_bonus\_amount] from

Profiles P join Referrals R on

P.profile\_id=R.[referrer\_id(same as profile id)]

Select \* from Referrals

Select [referrer\_id(same as profile id)], referral\_valid as Referred, referrer\_bonus\_amount as Total

Into valid\_referrals\_01 from Referrals where referral\_valid>0

Select \* from valid\_referrals\_01

Select [referrer\_id(same as profile id)], sum(Total) as Total

from valid\_referrals\_01

Group by [referrer\_id(same as profile id)]

Select [referrer\_id(same as profile id)], sum(Referred) as Referred

from valid\_referrals\_01

Group by [referrer\_id(same as profile id)]

Select [referrer\_id(same as profile id)], sum(Total) as Total

Into valid\_referrals\_02 from valid\_referrals\_01

Group by [referrer\_id(same as profile id)]

Select \* from valid\_referrals\_02

Select [referrer\_id(same as profile id)], sum(Referred) as Referred

Into valid\_referrals\_03 from valid\_referrals\_01

Group by [referrer\_id(same as profile id)]

Select \* from valid\_referrals\_03

Select \* from valid\_referrals\_02

SELECT t1.[referrer\_id(same as profile id)], t1.Referred, t2.Total

Into valid\_referrals\_04

FROM valid\_referrals\_03 t1

INNER JOIN valid\_referrals\_02 t2

ON t1.[referrer\_id(same as profile id)] = t2.[referrer\_id(same as profile id)]

where Referred>1

Select \* from valid\_referrals\_04

Select \* from valid\_referrals\_04

where Exists

(Select P.profile\_id, P.first\_name+' '+P.last\_name as full\_name, P.email as [email\_id],

P.phone as [phone number], P.referral\_code, R.[referrer\_id(same as profile id)],

R.referral\_valid, R.[referrer\_bonus\_amount] from

Profiles P join Referrals R on

P.profile\_id=R.[referrer\_id(same as profile id)])

Select \* from valid\_referrals\_04

--Rename a Column

sp\_rename 'valid\_referrals\_04.[referrer\_id(same as profile id)]','profile\_id'

Select \* from valid\_referrals\_04

Select Profiles.profile\_id, Profiles.first\_name+' '+Profiles.last\_name as full\_name, Profiles.email as [email\_id],

Profiles.phone as [phone number], Profiles.referral\_code,

valid\_referrals\_04.Referred, valid\_referrals\_04.Total as [Total Bonus]

from Profiles

Inner Join valid\_referrals\_04 on valid\_referrals\_04.profile\_id= Profiles.profile\_id

Create View [Total\_Bonus\_04] AS

Select Profiles.profile\_id, Profiles.first\_name+' '+Profiles.last\_name as full\_name, Profiles.email as [email\_id],

Profiles.phone as [phone number], Profiles.referral\_code,

valid\_referrals\_04.Referred, valid\_referrals\_04.Total as [Total Bonus]

from Profiles

Inner Join valid\_referrals\_04

on

valid\_referrals\_04.profile\_id= Profiles.profile\_id

Select \* from Total\_Bonus\_04

Select full\_name, email\_id, [phone number], referral\_code as [referral code], [Total Bonus] as [total bonus amount] from Total\_Bonus\_04

--existing table with same structure

/\*

Select \* Into

copy\_structure

From Total\_Bonus\_04

Where 0=1

Select \* from copy\_structure

\*/

/\* 5. Write a query to find the rent generated from each city and also the total of all cities.\*/

--Answer 5

Create View [PT\_05] AS

Select p.[city(hometown)] as City, SUM(t.rent) as [Rent for each City]

from

Profiles p

Inner Join

Tenancy\_histories t

On

p.profile\_id = t.profile\_id

Group By p.[city(hometown)]

Select \* from [PT\_05]

Create View [Rent\_Total] AS

Select SUM(rent) as [Rent Total for all Cities] from Tenancy\_histories

Select \* from [Rent\_Total]

Select \* from PT\_05, Rent\_Total

/\*

6. Create a view 'vw\_tenant' find

profile\_id,rent,move\_in\_date,house\_type,beds\_vacant,description and city of tenants who

shifted on/after 30th april 2015 and are living in houses having vacant beds and its address.

\*/

--Answer 6

CREATE VIEW [vw\_tenant] AS

Select T.profile\_id, T.rent, T.move\_in\_date,H.house\_type, H.beds\_vacant, A.[description], A.city as [city of tenants]

from

Houses H join Tenancy\_histories T on

H.house\_id = T.profile\_id

join Addresses as A on

A.house\_id= T.profile\_id

where T.move\_in\_date >= '04/30/2015' and Beds\_vacant !=0

Select \* from vw\_tenant

/\*

7. Write a code to extend the valid\_till date for a month of tenants who have referred more

than two times

\*/

--Answer 7

--No one referred more than 2 times

Select [referrer\_id(same as profile id)], sum(referral\_valid) as [referred count] from Referrals

Group by [referrer\_id(same as profile id)] order by sum(referral\_valid) desc

/\*

8. Write a query to get Profile ID, Full Name , Contact Number of the tenants along with a new

column 'Customer Segment' wherein if the tenant pays rent greater than 10000, tenant falls

in Grade A segment, if rent is between 7500 to 10000, tenant falls in Grade B else in Grade C

\*/

--Answer 8

Select p.profile\_id as [Profile ID], p.first\_name+' '+p.last\_name as [Full Name],

p.phone as [Contact Number],

IIF(rent> 10000, 'Grade A',

IIF(rent between 7500 and 10000, 'Grade B','Grade C')) AS [Customer Segment]

from Tenancy\_histories t

Full Join

Profiles p

On

p.profile\_id=t.profile\_id

/\*

9. Write a query to get Fullname, Contact, City and House Details of the tenants who have not

referred even once

\*/

--Answer 9

Create view [Combine\_House\_Profile\_09] AS

Select P.first\_name+' '+P.last\_name As [Full Name], P.phone AS [Contact], P.[city(hometown)] As City,

H.house\_type, H.bhk\_details, H.bed\_count, H.furnishing\_type, H.beds\_vacant, H.house\_id

from

Houses H

Full Join

Profiles P

on

H.house\_id=P.profile\_id

Select \* from [Combine\_House\_Profile\_09]

Create View [Referral\_09] AS

SELECT [referrer\_id(same as profile id)], sum(referral\_valid) as [Total\_Referred]

FROM Referrals

Group by [referrer\_id(same as profile id)]

Select \* from Referral\_09

--Rename a Column

sp\_rename 'Referral\_09.[referrer\_id(same as profile id)]','profile\_id'

Select \* from Referral\_09

Select \* from Referral\_09 where Total\_Referred = 0 order by Total\_Referred

Select \*

from [Combine\_House\_Profile\_09]

Where house\_id IN

(Select profile\_id from Referral\_09 where Total\_Referred=0)

/\*

10. Write a query to get the house details of the house having highest occupancy

\*/

--Answer 10

Create View [House\_Highest\_Occupancy] AS

SELECT house\_id, ABS(bed\_count - beds\_vacant) AS [highest occupancy]

FROM Houses

Select \*from [House\_Highest\_Occupancy]

Select \*from [House\_Highest\_Occupancy] where [highest occupancy]>2

Select house\_type, bhk\_details, bed\_count, furnishing\_type, beds\_vacant, house\_id

from Houses

where house\_id IN

(Select house\_id from [House\_Highest\_Occupancy] where [highest occupancy]>2)