

## SCREENSHOTS FOR SQL QUERY

1.a.

Use Keys  
Go  
--1.a.Display a list of all property names and their property id's for Owner Id: 1426

```
SELECT P.Name, P.Id, P.AddressId, P.PropertyTypeId, OP.Id, OP.OwnerId, OP.PropertyId, OP.OwnershipStatusId
FROM dbo.Property P
     INNER JOIN dbo.OwnerProperty OP
     ON P.id=OP.PropertyId
WHERE OP.OwnerId=1426
```

100 %

Results Messages

	Name	Id	AddressId	PropertyTypeId	Id	OwnerId	PropertyId	OwnershipStatusId
1	Bl property 1	5597	12491	1	2909	1426	5597	1
2	Bl property 2	5637	12658	1	2949	1426	5637	1
3	Bl property 3	5638	12659	1	2950	1426	5638	1

1.b.

```
--1.b. Display the current home value for each property in question a).
SELECT P.Name, OP.OwnerId, OP.PropertyId, PHV.Value
FROM dbo.Property P
     INNER JOIN dbo.OwnerProperty OP
     ON P.id=OP.PropertyId
     INNER JOIN dbo.PropertyHomeValue PHV
     ON P.ID=PHV.PropertyId AND PHV.IsActive=1
WHERE OP.OwnerId=1426
```

100 %

Results Messages

	Name	OwnerId	PropertyId	Value
1	Bl property 2	1426	5637	4500000.00
2	Bl property 1	1426	5597	45.00
3	Bl property 3	1426	5638	3000000.00

1.c.i.

```
--1.c.i. For each property in question a), return the following:
--Using rental payment amount, rental payment frequency, tenant start date and
--tenant end date to write a query that returns the sum of all payments from start date to end date.
```

```
SELECT
    P.Name PropertyName,
    OP.OwnerId,
    OP.PropertyId,
    PHV.Value HomeValue,
    TPF.Name FrequencyPay,
    CAST(TP.PaymentAmount AS numeric(20)) Payment,
    TP.StartDate,
    TP.EndDate,
    CASE WHEN TP.PaymentFrequencyId=1 THEN DATEDIFF(WEEK, TP.StartDate, tp.EndDate)*TP.PaymentAmount
         WHEN TP.PaymentFrequencyId=2 THEN (DATEDIFF(WEEK, TP.StartDate, tp.EndDate)/2)*TP.PaymentAmount
         WHEN TP.PaymentFrequencyId=3 THEN DATEDIFF(MONTH, TP.StartDate, tp.EndDate)*TP.PaymentAmount
    END SumOfAllPayment
FROM dbo.Property P
    INNER JOIN dbo.OwnerProperty OP ON P.id=OP.PropertyId
    INNER JOIN dbo.TenantProperty TP ON OP.PropertyId=TP.PropertyId
    INNER JOIN dbo.TenantPaymentFrequencies TPF ON TP.PaymentFrequencyId=TPF.Id
    INNER JOIN dbo.PropertyHomeValue PHV ON P.ID=PHV.PropertyId AND PHV.IsActive=1
Where OP.OwnerId=1426
```

100 %

Results Messages

	PropertyName	OwnerId	PropertyId	HomeValue	FrequencyPay	Payment	StartDate	EndDate	SumOfAllPayment
1	Bl property 1	1426	5597	45.00	Weekly	300	2018-01-01 00:00:00.000	2018-12-31 00:00:00.000	15600.00
2	Bl property 2	1426	5637	4500000.00	Fortnightly	400	2018-01-01 00:00:00.000	2018-12-31 00:00:00.000	10400.00
3	Bl property 3	1426	5638	3000000.00	Monthly	1000	2018-01-01 13:28:00.000	2018-12-31 13:28:00.000	11000.00

1.c.ii.

```
--1.c.ii. Display the yield
```

```
SELECT P.Name PropertyName, OP.OwnerId, PS.FirstName+' '+PS.LastName AS OwnerName, PF.Yield
FROM Property P
    INNER JOIN OwnerProperty OP ON P.ID=OP.PropertyId
    INNER JOIN Person PS ON PS.Id=OP.OwnerId
    INNER JOIN PropertyFinance PF ON P.Id=PF.PropertyId
WHERE OP.OwnerId=1426
```

100 %

Results Messages

	PropertyName	OwnerId	OwnerName	Yield
1	Bl property 1	1426	Mark Hudson	10000.00
2	Bl property 2	1426	Mark Hudson	8000.00
3	Bl property 3	1426	Mark Hudson	12000.00

```
--1.d Display all the jobs available in the marketplace (jobs that owners have advertised for service suppliers).  
SELECT P.Id,P.Name PropertyName,J.OwnerId, J.JobStatusId, J.JobRequestId, J.JobDescription, SPJS.Id,  
       SPJS.Code JobStatusCode, SPJS.Name JobStatus  
FROM dbo.Property P  
INNER JOIN dbo.Job J ON P.Id=J.PropertyId  
INNER JOIN dbo.JobMedia JM ON J.Id=JM.JobId  
INNER JOIN dbo.ServiceProviderJobStatus SPJS on J.JobStatusId=SPJS.Id  
WHERE JM.IsActive=1  
      AND J.OwnerId IS NOT NULL  
      AND SPJS.Code NOT IN ('Cancelled','Finished')  
ORDER BY SPJS.Name
```

100 %

Results Messages

	Id	PropertyName	OwnerId	JobStatusId	JobRequestId	JobDescription	Id	JobStatusCode	JobStatus
31	5954	Dream Come true	374	3	2615	This a Test Property	3	In progress	In progress
32	5954	Dream Come true	374	3	2615	This a Test Property	3	In progress	In progress
33	5954	Dream Come true	374	3	2615	This a Test Property	3	In progress	In progress
34	5954	Dream Come true	374	3	2615	This a Test Property	3	In progress	In progress
35	4675	My second home	781	3	NULL	BlaBlaBlaBlaBlaBlaBlaBlaBlaBa BaBaBaBaBa...	3	In progress	In progress
36	5093	Las Vegas	958	1	857	test 123 dasd	1	Open	Open
37	5093	Las Vegas	958	1	857	test 123 dasd	1	Open	Open
38	5093	Las Vegas	958	1	858	jkbkhkjkhkjhkhkjkhkhkj	1	Open	Open
39	5093	Las Vegas	958	1	860	asdasdasdasdas	1	Open	Open
40	5093	Las Vegas	958	1	859	sadasdasdasdas	1	Open	Open
41	5093	Las Vegas	958	1	859	sadasdasdasdas	1	Open	Open
42	5093	Las Vegas	958	1	861	hello you gotta change this	1	Open	Open
43	5093	Las Vegas	958	1	861	hello you gotta change this	1	Open	Open
44	5071	GRACE VILLA	617	1	708	thanks for your quote. you can come in this weekend	1	Open	Open
45	4622	Fancy house	617	1	NULL	udya ye re	1	Open	Open
46	4622	Fancy house	617	1	NULL	udya ye re	1	Open	Open
47	4622	Fancy house	617	1	NULL	udya ye re	1	Open	Open
48	4622	Fancy house	617	1	NULL	udya ye re	1	Open	Open
49	4021	newprop	378	2	NULL	There are issues with rangehood.	2	Pending	Pending
50	4549	My property 2	612	2	NULL	dddddddasda	2	Pending	Pending
51	4006	ewrerewr	378	2	NULL	hello this is an urgent request. Kitchen sink issues	2	Pending	Pending
52	4021	newprop	378	2	NULL	There are issues with rangehood.	2	Pending	Pending
53	3044	Test_Hugh_FLY	348	2	NULL	Hex1 description editing again	2	Pending	Pending
54	3044	Test_Hugh_FLY	348	2	NULL	Hex1 description editing again	2	Pending	Pending
55	3044	Test_Hugh_FLY	348	2	NULL	Hex1 description editing again	2	Pending	Pending
56	3044	Test_Hugh_FLY	348	2	NULL	Hex1 description editing again	2	Pending	Pending
57	3044	Test_Hugh_FLY	348	2	NULL	Hex1 description editing again	2	Pending	Pending
58	3044	Test_Hugh_FLY	348	2	NULL	Hex1 description editing again	2	Pending	Pending

```
--e. Display all property names, current tenants first and last names and rental payments
--per week/ fortnight/month for the properties in question a).
SELECT
    P.Name PropertyName, OP.OwnerId, OP.PropertyId, PS.FirstName, PS.LastName, TPF.Name FrequencyPay, TP.PaymentAmount
FROM dbo.Property P
    INNER JOIN dbo.OwnerProperty OP ON P.ID=OP.PropertyId
    INNER JOIN dbo.TenantProperty TP ON OP.PropertyId=TP.PropertyId
    INNER JOIN dbo.TenantPaymentFrequencies TPF ON TP.PaymentFrequencyId=TPF.Id
    INNER JOIN dbo.PropertyHomeValue PHV ON P.ID=PHV.PropertyId AND PHV.IsActive=1
    INNER JOIN dbo.Person PS ON TP.TenantId=PS.ID
Where OP.OwnerId=1426
```

100 %

Results Messages

	PropertyName	OwnerId	PropertyId	FirstName	LastName	FrequencyPay	PaymentAmount
1	Bl property 1	1426	5597	Nick	Johnson	Weekly	300.00
2	Bl property 2	1426	5637	Bl	Tenant	Fortnightly	400.00
3	Bl property 3	1426	5638	Bl	Tenant	Monthly	1000.00

