

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.PropertyType, 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	PropertyType	Id	OwnerId	PropertyId	OwnershipStatusId
1	BI property 1	5597	12491	1	2909	1426	5597	1
2	BI property 2	5637	12658	1	2949	1426	5637	1
3	BI 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	BI property 2	1426	5637	4500000.00
2	BI property 1	1426	5597	45.00
3	BI 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
```

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	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 %

	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.

```
--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	BlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBaBaBaBa...		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	jkbhkjhkhkjhkhkjhkhkj		1	Open	Open
39	5093	Las Vegas	958	1	860	asdasdaedadasdas		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	dddddadasda		2	Pending	Pending
51	4006	ewrrewr	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

1.e.

```
--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
```

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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

