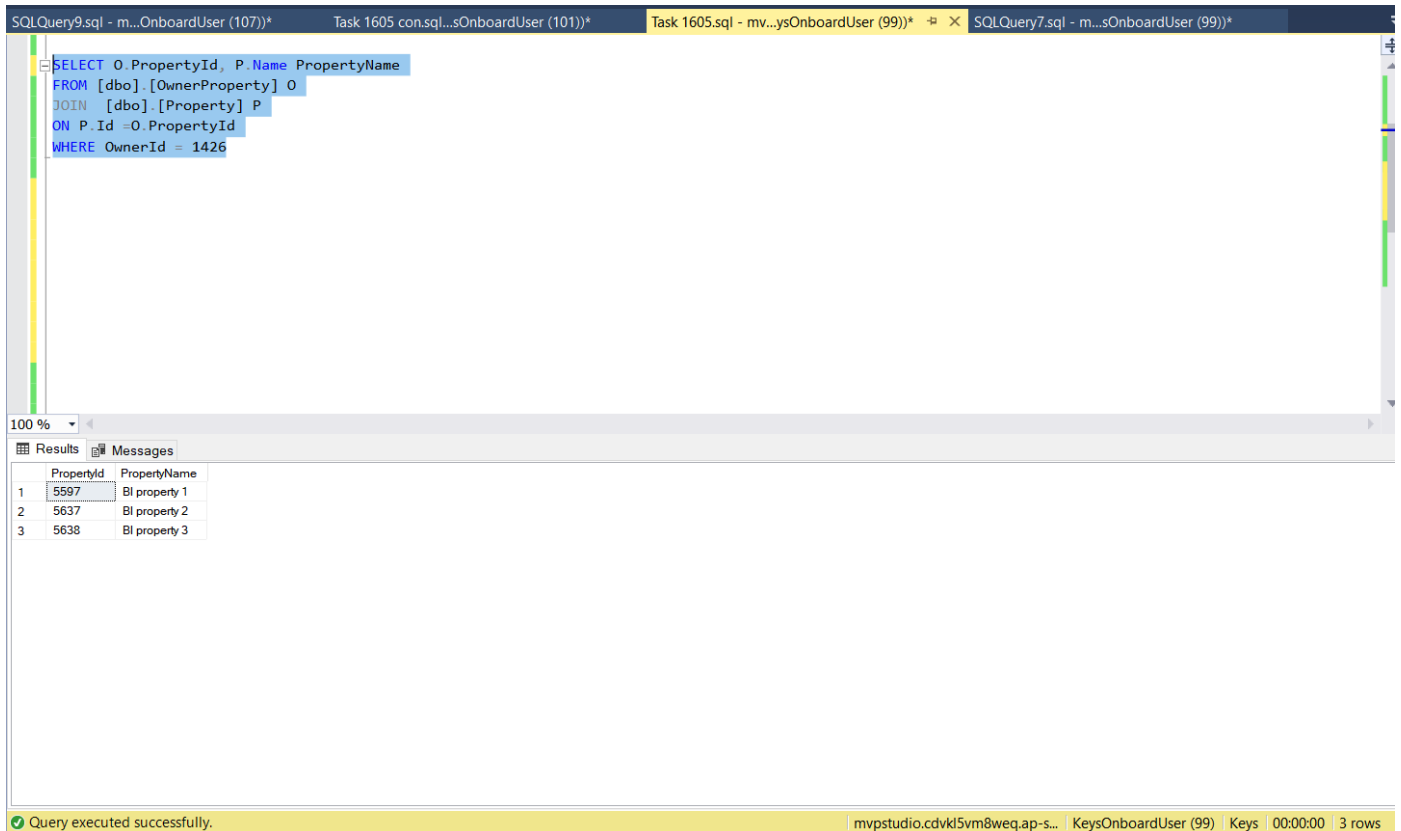


Task:

1. Write queries to return the following:

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



The screenshot shows a SQL Server Enterprise Manager interface with a query window and a results pane. The query window displays the following SQL query:

```
SELECT O.PropertyId, P.Name PropertyName
FROM [dbo].[OwnerProperty] O
JOIN [dbo].[Property] P
ON P.Id = O.PropertyId
WHERE OwnerId = 1426
```

The results pane shows the following data:

	PropertyId	PropertyName
1	5597	BI property 1
2	5637	BI property 2
3	5638	BI property 3

The status bar at the bottom indicates: "Query executed successfully. mvpstudio.cdvl5vm8weq.ap-s... KeysOnboardUser (99) Keys 00:00:00 3 rows"

- b. Display the current home value for each property in question a).

SQLQuery6.sql - m...OnboardUser (108))* SQLQuery5.sql - m...sOnboardUser (99))* Task 1605.sql - mv...ysOnboardUser (99))* Task 1605 con.sql...sOnboardUser (112))*

```
SELECT O.PropertyId, O.OwnerId, P.CurrentHomeValue
FROM [dbo].[PropertyFinance]P
JOIN [dbo].[OwnerProperty]O
ON P.PropertyId = O.PropertyId
WHERE OwnerId = 1426
```

100 %

Results Messages

	PropertyId	OwnerId	CurrentHomeValue
1	5597	1426	45.00
2	5637	1426	4500000.00
3	5638	1426	3000000.00

Query executed successfully. mvpstudio.cdvd5vm8weq.ap-s... KeysOnboardUser (99) Keys 00:00:00 3 rows

- c. For each property in question a), return the following:
- i. 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.

SQLQuery6.sql - m...OnboardUser (108))* SQLQuery5.sql - m...sOnboardUser (99))* Task 1605.sql - mv...ysOnboardUser (99))* Task 1605 con.sql...sOnboardUser (112))*

```

SELECT P.Name as PropertyName, O.PropertyId, T.StartDate,T.EndDate, F.Name as PaymentFrequencies, R.Amount as RentalPaymentAmount,
CAST(ROUND(((CASE
WHEN F.[Name] = 'Weekly' THEN R.Amount*52
WHEN F.[Name] = 'Fortnightly' THEN R.Amount*26
WHEN F.[Name] = 'Monthly' THEN R.Amount*12
ELSE null END)/52)*DATEDIFF(Week,T.StartDate,T.EndDate),1) as INT) as TotalPayment
FROM [dbo].[OwnerProperty] O
JOIN [dbo].[Property] P ON O.PropertyId = P.Id
JOIN [dbo].[PropertyRentalPayment] R ON P.Id = R.PropertyId
JOIN [dbo].[PropertyHomeValue] V ON P.Id = V.PropertyId
JOIN [dbo].[TenantProperty] T ON O.PropertyId = T.PropertyId
JOIN [dbo].[TenantPaymentFrequencies] F ON T.PaymentFrequencyId = F.Id
WHERE O.OwnerId=1426

```

100 %

Results Messages

	PropertyName	PropertyId	StartDate	EndDate	PaymentFrequencies	RentalPaymentAmount	TotalPayment
1	Bl property 1	5597	2018-01-01 00:00:00.000	2018-12-31 00:00:00.000	Weekly	300.00	15600
2	Bl property 2	5637	2018-01-01 00:00:00.000	2018-12-31 00:00:00.000	Fortnightly	400.00	10400
3	Bl property 3	5638	2018-01-01 13:28:00.000	2018-12-31 13:28:00.000	Monthly	45.00	540
4	Bl property 3	5638	2018-01-01 13:28:00.000	2018-12-31 13:28:00.000	Monthly	45.00	540
5	Bl property 3	5638	2018-01-01 13:28:00.000	2018-12-31 13:28:00.000	Monthly	3.00	36
6	Bl property 3	5638	2018-01-01 13:28:00.000	2018-12-31 13:28:00.000	Monthly	3.00	36

Query executed successfully. mvpstudio.cd\vk15vm8weq.ap-s... KeysOnboardUser (99) Keys 00:00:00 6 rows

ii. Display the yield.

- e. Display all property names, current tenants first and last names and rental payments per week/ fortnight/month for the properties in question a).

The screenshot shows a SQL Server Enterprise Manager window with a query editor and a results pane. The query editor contains the following SQL code:

```
select * from [dbo].[PropertyRepayment]

select P.Name as PropertyName, CONCAT(FirstName, ' ', LastName) as TenantName, PR.Amount as RentalPayment, F.Name as PaymentFrequency
from dbo.OwnerProperty as OP
JOIN dbo.PropertyRentalPayment as PR on OP.PropertyId = PR.PropertyId
JOIN dbo.Property as P on P.Id = PR.PropertyId
JOIN dbo.TenantPaymentFrequencies as F on F.Id = PR.FrequencyType
JOIN dbo.TenantProperty as TP on TP.PropertyId = PR.PropertyId
JOIN dbo.Person PE on PE.Id = TP.TenantId
Where OP.OwnerId = 1426

select * from [dbo].[TenantProperty]
```

The results pane shows a table with 4 rows and 5 columns: PropertyName, TenantName, RentalPayment, and PaymentFrequency. The data is as follows:

	PropertyName	TenantName	RentalPayment	PaymentFrequency
1	Bl property 1	Nick Johnson	300.00	Weekly
2	Bl property 2	Bl Tenant	400.00	Fortnightly
3	Bl property 3	Bl Tenant	45.00	Weekly
4	Bl property 3	Bl Tenant	3.00	Monthly

The status bar at the bottom indicates: Query executed successfully. | mvpstudio.cdvd5vm8weq.ap-s... | KeysOnboardUser (108) | Keys | 00:00:00 | 4 rows

2. Use Report Builder or Visual Studio (SSRS) to develop the following report:

FileEditViewGitProjectBuildDebugTestAnalyzeToolsExtensionsWindowHelp

Search (Ctrl+Q)

Expense Report of Property A

DebugDefaultStartSegoe UI10ptB / U A Solid1 ptBlack

Report Data

New Edit...

Built-in Fields

Parameters

Images

Data Sources

Datasets

DataSet1

Property_Name

Current_Owner

Property_Address

Bedroom

Bathroom

Rental_payment

Rental_Repayment_Fre

Amount

Date

Expense

Street

Report1.rdl [Design]

DesignPreview

1 of 1100%FindNext

Finance Report

Expense Report of Property A

Current Owner : ABDC

Property Address : 231Great South Road

Property Details : 2 Badrooms, 2 Bathrooms

Rental Payment : \$300 per Week

Expense	Amount	Date
Rate assessment	\$300	20 Aug 2016
Rate assessment	\$300	20 Aug 2016
Rate assessment	\$300	20 Aug 2016
Rate assessment	\$300	20 Aug 2016

Error List

Error ListOutput

Solution Explorer

Search Solution Explorer (Ctrl+Q)

Solution 'Expense Report of Property A' (1 of 1 project)

Project Key

Shared Data Sources

Shared Datasets

Reports

Report1.rdl

Solution ExplorerGit Changes

Properties

Add to Source Control