

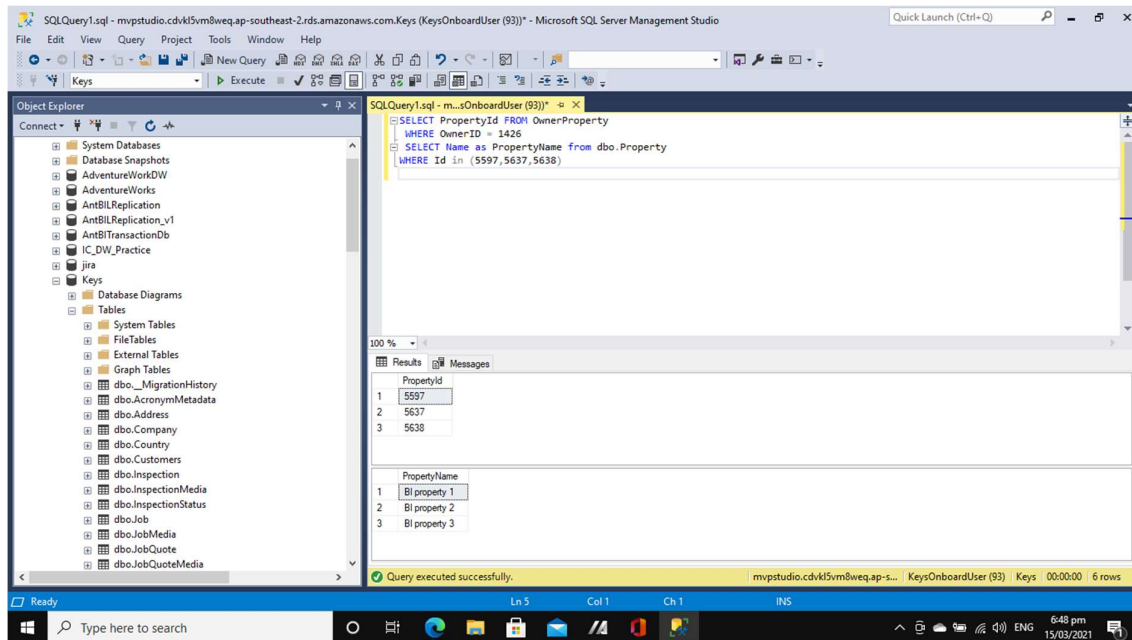
1, a, Display a list of all property names and their property id's for Owner Id: 1426

```
SELECT PropertyId FROM OwnerProperty
```

```
WHERE OwnerID = 1426
```

```
SELECT Name as PropertyName from dbo.Property
```

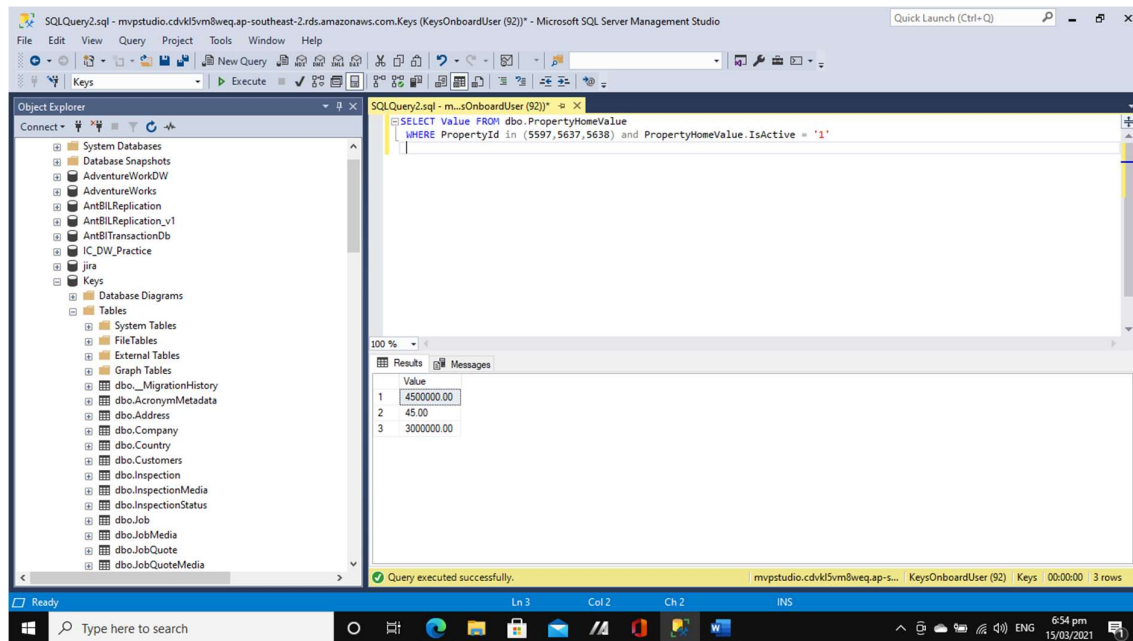
```
WHERE Id in (5597,5637,5638)
```



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

```
SELECT Value FROM dbo.PropertyHomeValue
```

```
WHERE PropertyId in (5597,5637,5638) and PropertyHomeValue.IsActive = '1'
```



a & b

SELECT PropertyHomeValue.PropertyId, Property.Name as PropertyName,
PropertyHomeValue.Value

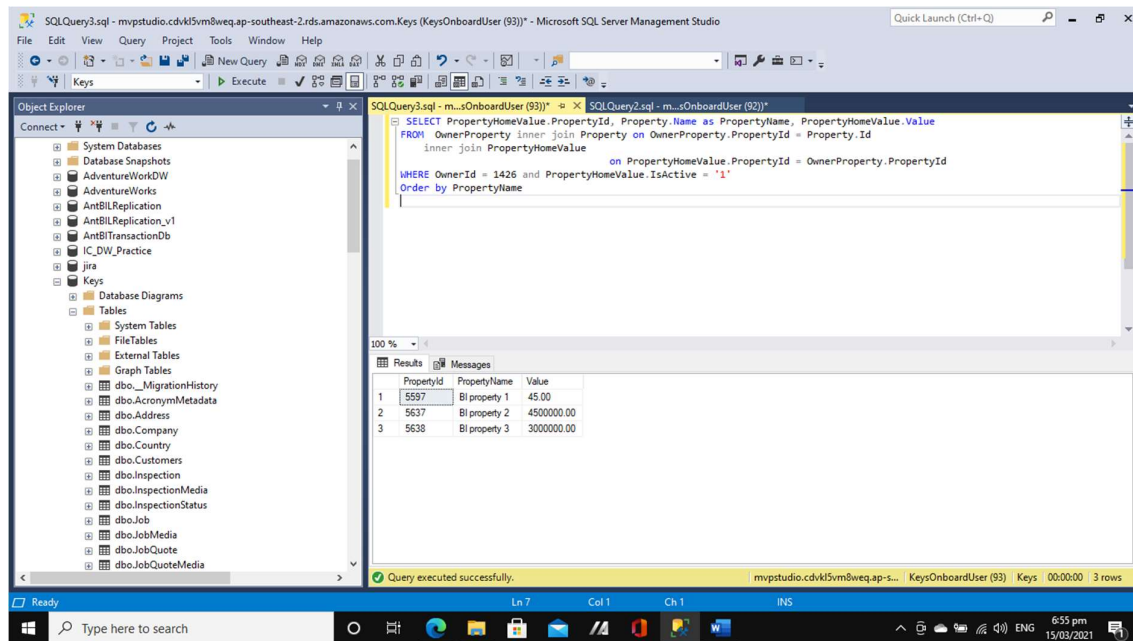
FROM OwnerProperty inner join Property on OwnerProperty.PropertyId = Property.Id

inner join PropertyHomeValue

on PropertyHomeValue.PropertyId = OwnerProperty.PropertyId

WHERE OwnerId = 1426 and PropertyHomeValue.IsActive = '1'

Order by PropertyName



c, 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.

```
SELECT p.Name as PropertyName, p.Id as PropertyID, hv.Value as PropertyValue,
tp.StartDate, tp.EndDate, tp.PaymentAmount,
```

```
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
```

```
ELSE "
```

```
END TotalPaymentAmount
```

```
FROM Keys.dbo.Property as p
```

```

join Keys.dbo.OwnerProperty as op

on p.Id = op.PropertyId

join Keys.dbo.PropertyHomeValue as hv

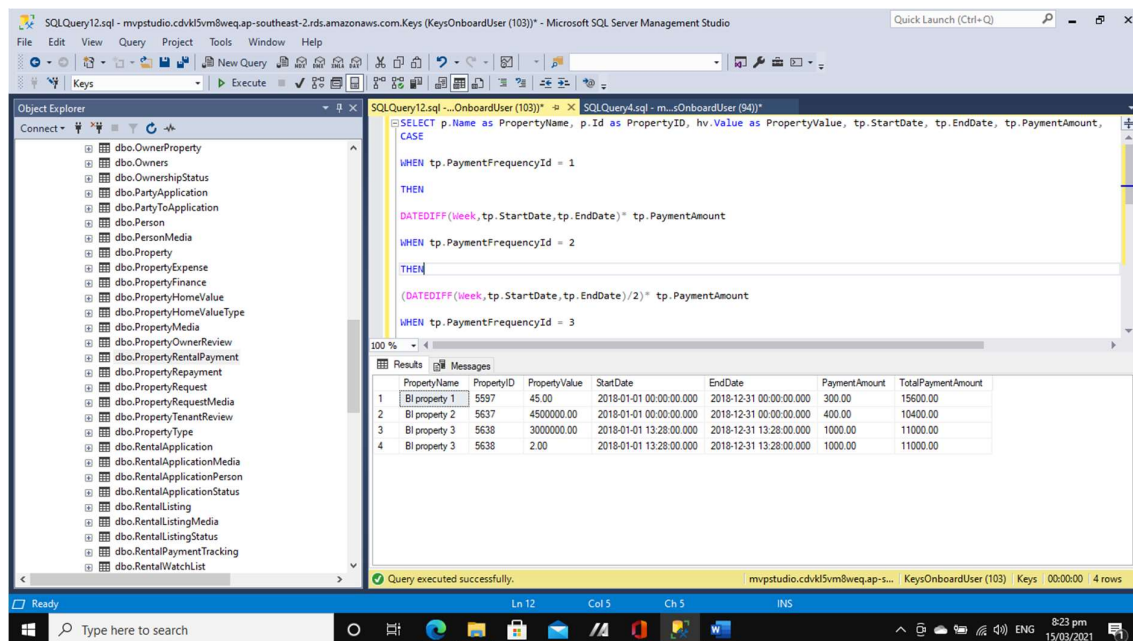
on p.Id = hv.PropertyId

join Keys.dbo.TenantProperty tp

on p.Id = tp.PropertyId

WHERE op.OwnerId = 1426;

```



c,ii Display the yield.

```

SELECT PropertyFinance.PropertyId,PropertyFinance.Yield

FROM PropertyFinance

WHERE PropertyId in (5597,5637,5638)

```

SQLQuery5.sql - mvpstudio.cdvt5vm8weq.ap-southeast-2.rds.amazonaws.com.Keys (KeysOnBoardUser (92)) - Microsoft SQL Server Management Studio

Object Explorer: System Databases, Database Snapshots, AdventureWorkDW, AdventureWorks, AntBLLReplication, AntBLLReplication_v1, AntBLLTransactionDb, IC_DW_Practice, jira, Keys, Database Diagrams, Tables, System Tables, FileTables, External Tables, Graph Tables, dbo._MigrationHistory, dbo.AcronymMetadata, dbo.Address, dbo.Company, dbo.Country, dbo.Customers, dbo.Inspection, dbo.InspectionMedia, dbo.InspectionStatus, dbo.Job, dbo.JobMedia, dbo.JobQuote, dbo.JobQuoteMedia.

SQLQuery5.sql - mvpstudio.cdvt5vm8weq.ap-southeast-2.rds.amazonaws.com.Keys (KeysOnBoardUser (92))

```
SELECT PropertyFinance.PropertyId,PropertyFinance.Yield
FROM PropertyFinance
WHERE PropertyId in (5597,5637,5638)
```

Results: 100 %

PropertyId	Yield
5597	10000.00
5637	8000.00
5638	12000.00

Query executed successfully. mvpstudio.cdvt5vm8weq.ap-s... KeysOnBoardUser (92) | Keys | 00:00:00 | 3 rows

d,Display all the jobs available

SELECT JobMedia.JobId, Job.JobDescription,Job.PropertyId

FROM JobMedia inner join Job on Job.PropertyId = JobMedia.PropertyId

WHERE JobMedia.IsActive = 1

SQLQuery6.sql - mvpstudio.cdvt5vm8weq.ap-southeast-2.rds.amazonaws.com.Keys (KeysOnBoardUser (93)) - Microsoft SQL Server Management Studio

Object Explorer: System Databases, Database Snapshots, AdventureWorkDW, AdventureWorks, AntBLLReplication, AntBLLReplication_v1, AntBLLTransactionDb, IC_DW_Practice, jira, Keys, Database Diagrams, Tables, System Tables, FileTables, External Tables, Graph Tables, dbo._MigrationHistory, dbo.AcronymMetadata, dbo.Address, dbo.Company, dbo.Country, dbo.Customers, dbo.Inspection, dbo.InspectionMedia, dbo.InspectionStatus, dbo.Job, dbo.JobMedia, dbo.JobQuote, dbo.JobQuoteMedia.

SQLQuery6.sql - mvpstudio.cdvt5vm8weq.ap-southeast-2.rds.amazonaws.com.Keys (KeysOnBoardUser (93))

```
SELECT JobMedia.JobId, Job.JobDescription,Job.PropertyId
FROM JobMedia inner join Job on Job.PropertyId = JobMedia.PropertyId
WHERE JobMedia.IsActive = 1
```

Results: 100 %

JobId	JobDescription	PropertyId
9	job 2	3102
9	job 3	3102
714	test11	29
713	test111	28
457	1	19
1064	not in a rush	34
1067	not in a rush	34
347	cable checking	60
347	cable checking	60
347	cable checking	60
347	cable checking	60

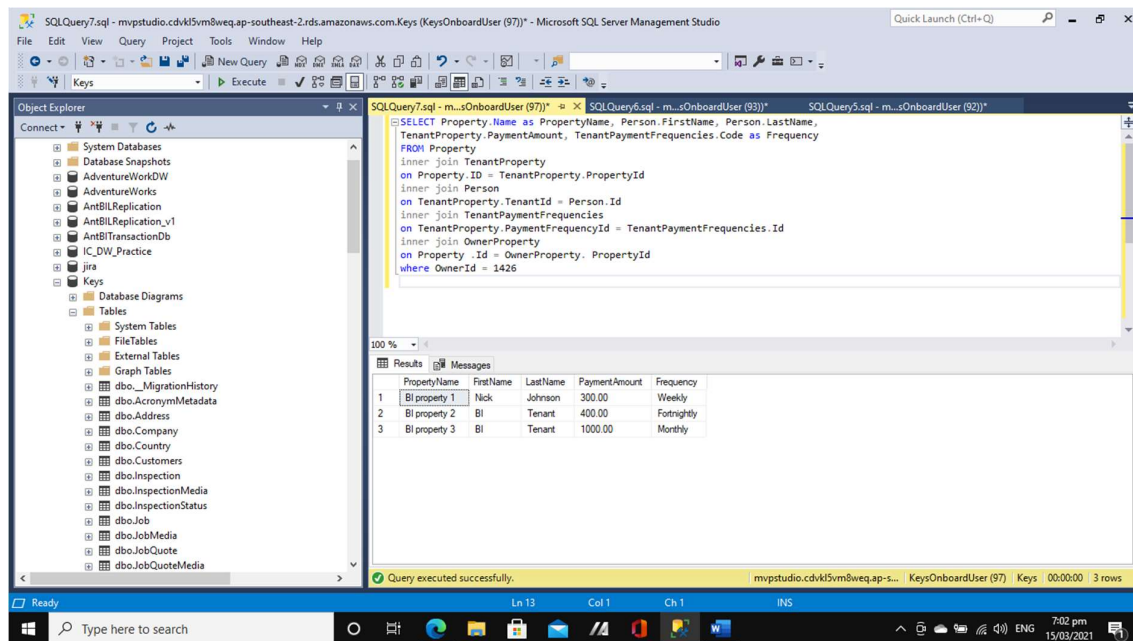
Query executed successfully. mvpstudio.cdvt5vm8weq.ap-s... KeysOnBoardUser (93) | Keys | 00:00:00 | 23,114 rows

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 Property.Name as PropertyName, Person.FirstName, Person.LastName,
TenantProperty.PaymentAmount, TenantPaymentFrequencies.Code as Frequency
FROM Property
inner join TenantProperty
on Property.ID = TenantProperty.PropertyId
inner join Person
on TenantProperty.TenantId = Person.Id
inner join TenantPaymentFrequencies
on TenantProperty.PaymentFrequencyId = TenantPaymentFrequencies.Id
inner join OwnerProperty
on Property .Id = OwnerProperty. PropertyId
where OwnerId = 1426

```



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

SQL Code:

```

SELECT Property.Name as PropertyName, Address.Number + ' ' + Address.Street + ', ' +
Address.City as PropertyAddress, Person.FirstName + Person.LastName as CurrentOwner,

Property.Bedroom as Bedrooms, Property.Bathroom as Bathrooms,
CAST(PropertyRentalPayment.Amount as int) as Amount, CONVERT(varchar(100),
PropertyExpense.Date,106) as Date , PropertyExpense.Description as Expense,

CAST(PropertyRentalPayment.Amount as int) AS RentalPayment, TargetRentType.Name
AS RentalPaymentType

FROM Address

full join Person ON Address.AddressId = Person.BillingAddressId

full join Property ON Address.AddressId = Property.AddressId

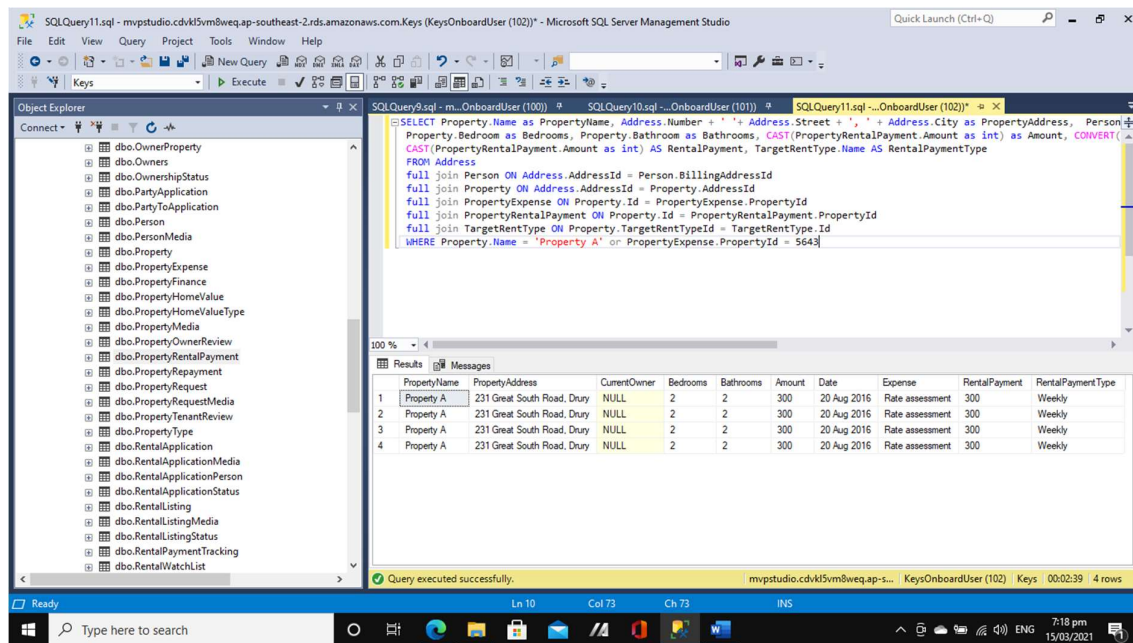
full join PropertyExpense ON Property.Id = PropertyExpense.PropertyId

full join PropertyRentalPayment ON Property.Id = PropertyRentalPayment.PropertyId

full join TargetRentType ON Property.TargetRentTypeId = TargetRentType.Id

WHERE Property.Name = 'Property A' or PropertyExpense.PropertyId = 5643

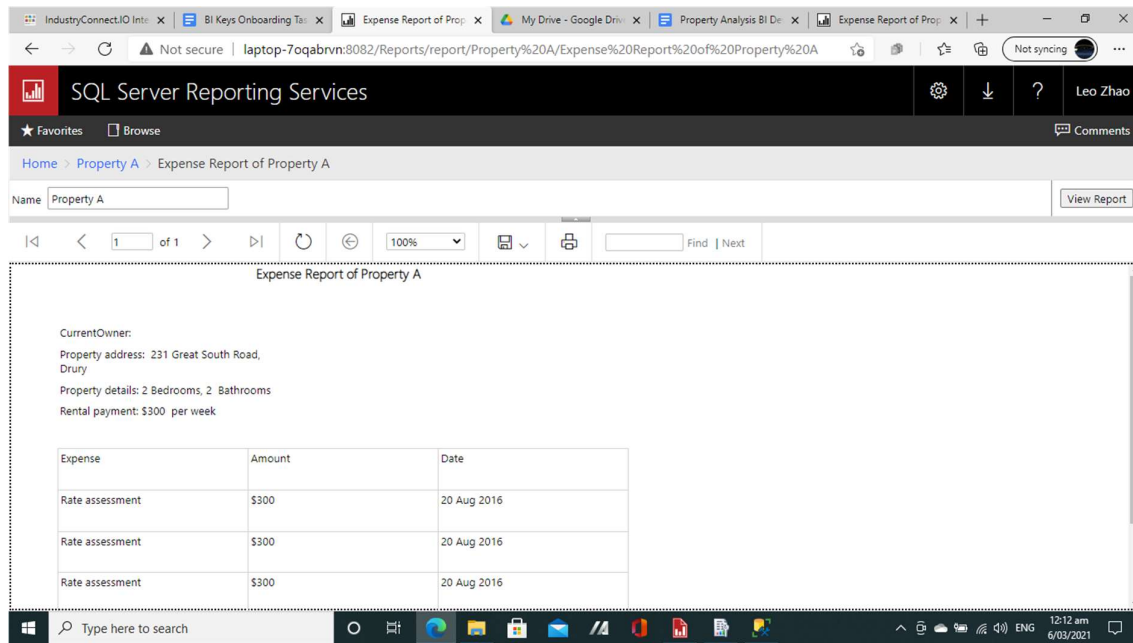
```



The link for the report :

[Expense Report of Property A - SQL Server 2019 Reporting Services](#)

You need to type **Property A** to the **Name** Parameter ,



The design preview of the reporting:

