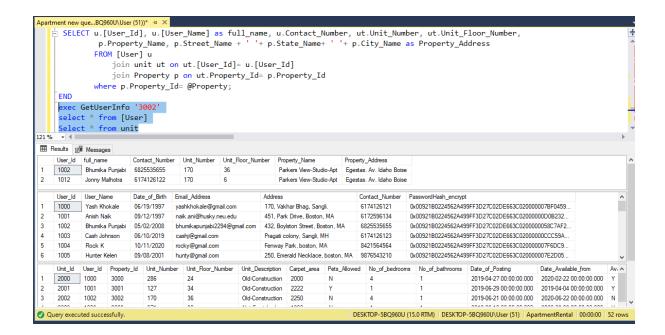
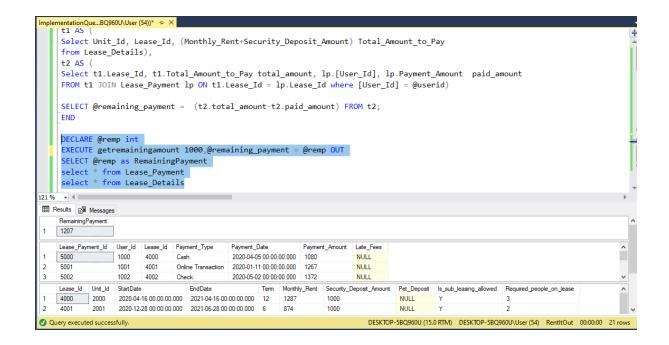
STORED PROCEDURES:

1) Stored Procedure to get user info who has rented the property



2) Stored Procedure to Check Pending Payment of user(rentier)



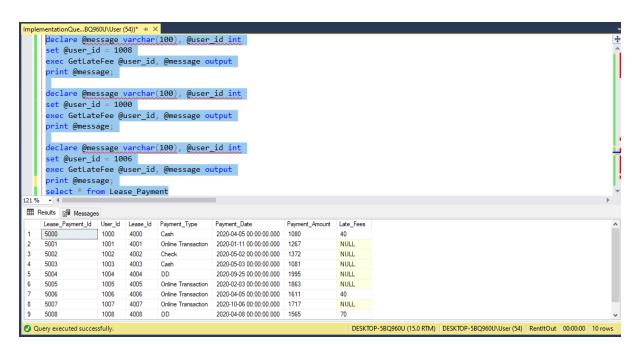
3) Stored Procedure to retrieve lateFee of user if any

```
Apartment new que...BQ960U\User (51))* → ×
                   and datepart(day, lp.Payment_Date)<@lastRentDay)
                UPDATE Lease_Payment set Late_Fees = 0 where Lease_Id= @leaseId;
               SET @message = 'No Late Fees Charged, Updated late fee as 6
          END;
          FISE TE EXTSTS (
          SELECT 1 from Lease_Payment lp where lp.Lease_Id= @leaseId
              and datepart(day,lp.Payment_Date)>@lastRentDay)
               UPDATE Lease_Payment set Late_Fees = @lateFees where Lease_Id = @leaseId;
               SET @message = 'Late Fees is Updated'
         END;
     FND
     declare @message varchar(100), @user id int
set @user_id = 1008
      exec GetLateFee @user_id, @message output
     print @message;
     select * from Lease_Payment
121 % - 4
Messages
   (1 row affected)
Late Fees is Updated
   Completion time: 2020-04-07T20:54:33.7127759-04:00

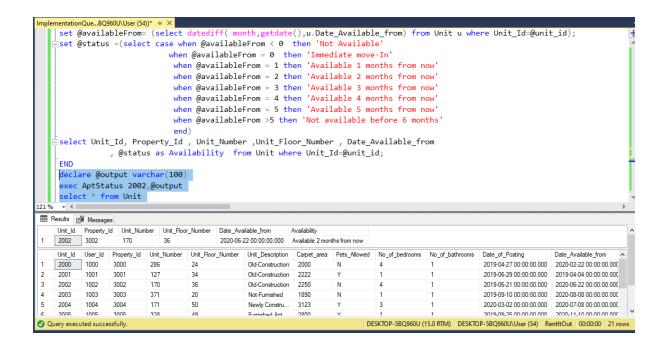
    Query executed successfully.

                                                                                 DESKTOP-5BQ960U (15.0 RTM) | DESKTOP-5BQ960U\User (51) | ApartmentRental | 00:00:00 | 0 rows
```

Output-late Fee value updated in the Table

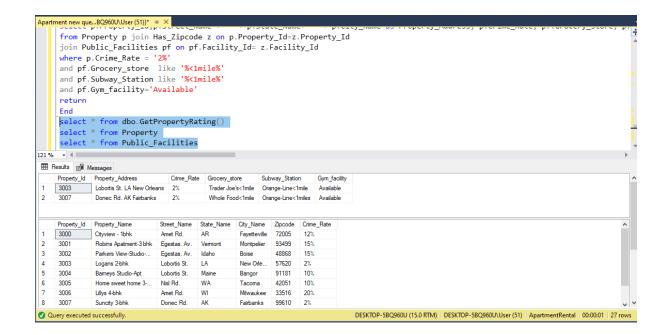


4) Stored Procedure to Check Availability Status of a Property Unit



FUNCTIONS:

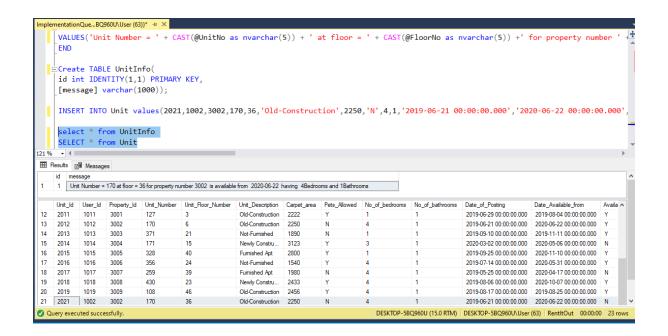
1) Function to retrieve best property in terms of crime rate and facilities available



2) Function to retrieve Property Details-

Triggers

1) Trigger to track availability of a Unit when posted



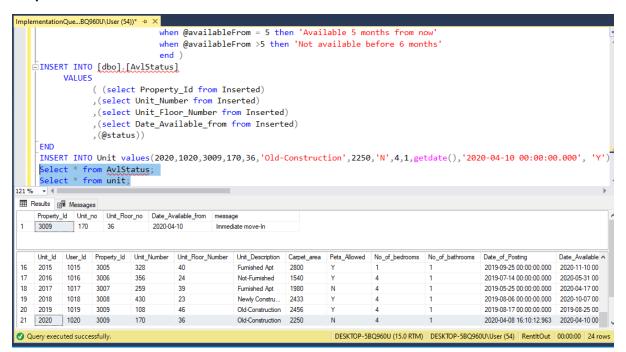
2) Trigger to track Availability status of Apartments

```
mentationQue...BQ960U\User (54))* 💠 🗶
                                                          then
    set @status =(select case when @availableFrom < 0
                                                                 'Not Available
                                when @availableFrom = 0 then 'Immediate move-In'
                                when @availableFrom = 1 then 'Available 1 months from now'
                                when @availableFrom = 2 then 'Available 2 months from now'
                                when @availableFrom = 3 then 'Available 3 months from now'
                                when @availableFrom = 4 then 'Available 4 months from now'
                                when @availableFrom = 5 then 'Available 5 months from now'
                                when @availableFrom >5 then 'Not available before 6 months'
                               end )
   |
|-
| INSERT INTO [dbo].[AvlStatus]
          VALUES
                ( (select Property_Id from Inserted)
                 ,(select Unit_Number from Inserted)
                 ,(select Unit_Floor_Number from Inserted)
                 ,(select Date_Available_from from Inserted)
                 ,(@status))
    INSERT INTO Unit values(2020,1020,3009,170,36,'0ld-Construction',2250,'N',4,1,getdate(),'2020-04-10 00:00:00.000', 'Y')
     Select * from AvlStatus;
121 % ▼ ◀ ■
Messages
   (1 row affected)
   (1 row affected)
121 % -

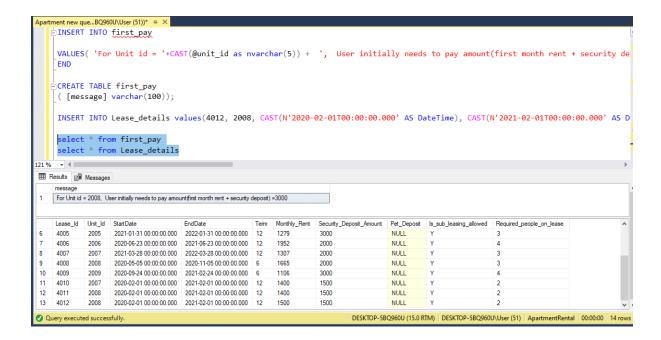
    Query executed successfully

                                                                        DESKTOP-5BO960U (15.0 RTM) | DESKTOP-5BO960U\User (54) | RentltOut | 00:00:00 | 0 row
```

Output-

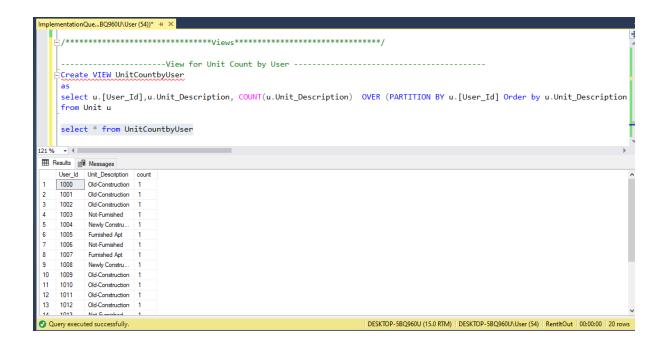


3) Trigger to generate first payment(monthlyrent +securitydeposit) required by the user for each unit

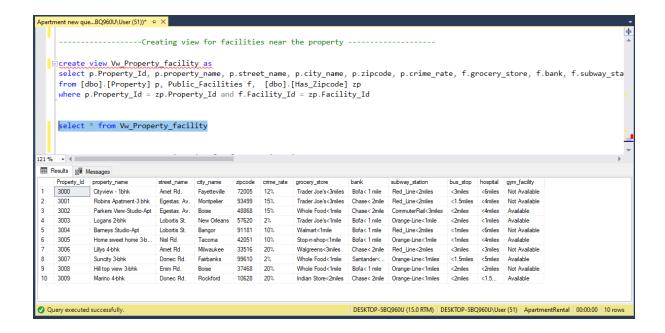


Views -

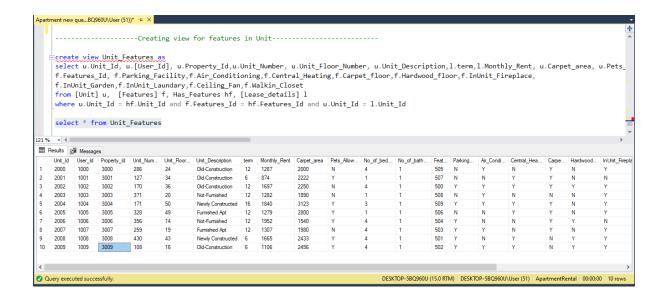
1) View for Unit Count by User



2) View showing Facilities Available near the Property



3) View showing Unit Features



Computed Data Encryption

Column Data Encryption on User's Password

