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--===== CIS310 ASSIGNMENT 10 =====
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/*
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STUDENT ID: 5491133
SUBMISSION DATE: 4/21/24
```

For each of the following business request PROVIDE THE SQL Query that adequately performs the tasks.
These queries are based on STAYWELL DB Tables and their data contents

Grading:
Proper Code Formatting is 20% of homework grade
Executable code can earn up to 100% of the grade
Unexecutable code can only earn up to a max of 50% of the grade
*/

-- 1. Create a Stored Procedure DISPLAY_OWNER_YOURFIRSTNAMELASTNAME (E.G. DISPLAY_OWNER_JIAOWANG), and its corresponding execution/test code.
--This Stored Procedure takes a single parameter/variable named INPUT_PROPERTY_ID to store user input value of a PROPERTY_ID.
--It should output OFFICE_NUM, ADDRESS, OWNER_NUM and OWNER_NAME (concatenated FirstName LastName in proper format)
--from the PROPERTY and OWNER tables for the given PROPERTY_ID

-- Create the stored procedure

```
CREATE PROCEDURE DISPLAY_OWNER_YOURFIRSTNAMELASTNAME
    @INPUT_PROPERTY_ID SMALLINT
```

AS

BEGIN

```
    DECLARE @OWNER_NAME VARCHAR(50);

    SELECT P.OFFICE_NUM, P.ADDRESS, P.OWNER_NUM, CONCAT(O.FIRST_NAME, ' ', O.LAST_NAME) AS OWNER_NAME

        FROM PROPERTY P

            INNER JOIN OWNER O ON P.OWNER_NUM = O.OWNER_NUM

                WHERE P.PROPERTY_ID = @INPUT_PROPERTY_ID;
```

END;

GO

```
EXEC DISPLAY_OWNER_YOURFIRSTNAMELASTNAME @INPUT_PROPERTY_ID = 3; -- Change the property ID as needed
```

-- 2. Create a Stored Procedure UPDATE_OWNER_YOURFIRSTNAMELASTNAME (E.G. UPDATE_OWNER_JIAOWANG), and its corresponding execution/test code.
--This Stored Procedure takes 2 parameters/variables:
--I_OWNER_NUM to store user input value of a OWNER_NUM, and I_LAST_NAME to store user input value of a new LAST_NAME.
--This stored procedure should update/change the last name to the given value, for the given owner num.

-- Create the stored procedure

-- Drop the stored procedure if it already exists

```
IF OBJECT_ID('UPDATE_OWNER_YOURFIRSTNAMELASTNAME', 'P') IS NOT NULL

    DROP PROCEDURE UPDATE_OWNER_YOURFIRSTNAMELASTNAME;
```

GO

```
CREATE PROCEDURE UPDATE_OWNER_YOURFIRSTNAMELASTNAME
```

```
    @I_OWNER_NUM CHAR(5),

    @I_LAST_NAME VARCHAR(20)
```

AS

BEGIN

```
    UPDATE OWNER

    SET LAST_NAME = @I_LAST_NAME

    WHERE OWNER_NUM = @I_OWNER_NUM;
```

```
IF @@ROWCOUNT > 0
```

```
BEGIN
```

```
PRINT 'Last name updated successfully for Owner Number ' + @I_OWNER_NUM + '.';
```

```
END
```

```
ELSE
```

```
BEGIN
```

```
PRINT 'No records found for Owner Number ' + @I_OWNER_NUM + '.';
```

```
END
```

```
END;
```

```
GO
```

```
EXEC UPDATE_OWNER_YOURFIRSTNAMELASTNAME @I_OWNER_NUM = 'B1109', @I_LAST_NAME = 'Smith'; -- Change the owner number and last name as needed
```