

QUESTION

Write a SQL procedure to return a list of rental properties (includes property's Rent, Location and Note) which contains the most costly property of each branch.

Rental Property Table

PropertyId(Pk)	Rent	BranchId(Fk)	Location	Note
101	400	27	13 ABC St	
102	450	76	245 High St	
117	375	76	77 Hoddle St	

Branch Table

BranchId(Pk)	BranchName	Location
27	North Melbourne	
76	City	

There are more than 1 property per branch in the table, we only interested in the most expensive property per branch. There are multiple ways to achieve this, we are looking for a solution that is clean and easy to follow. Hint: no cursor.

SQL QUERY

```
CREATE PROCEDURE RENTAL_PROPERTY
```

```
AS
```

```
BEGIN
```

```
    SELECT RPT.Rent, RPT.Location, RPT.Note
```

```
    FROM RentalProperty RPT
```

```
    JOIN (
```

```
        SELECT MAX(Rent) As Highest, `BranchId`
```

```
        FROM RentalProperty
```

```
        GROUP BY `BranchId`
```

```
    ) MAX_RENT
```

```
    ON RPT.`BranchId` = MAX_RENT.`BranchId` && RPT.`Rent` = MAX_RENT.Highest
```

```
END
```

```
Exec Rental_Properties;
```

Output

Rent	Location	Note
400	13 ABC St	
450	245 High St	

Solution 2

```
CREATE PROCEDURE RENTAL_PROPERTY
```

```
AS
```

```
BEGIN
```

```
    SELECT rpt.`Rent`, rpt.`Location`, rpt.`Note`
```

```
    From RentalProperty rpt
```

```
    INNER JOIN `Branch` branch on (rpt.BranchId = branch.BranchId)
```

```
    WHERE `Rent` in ( SELECT Max(`Rent`) from RentalProperty group by BranchId )
```

```
END
```