Database Lab Manual

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Reg: 21pwbcs0863

Section: B

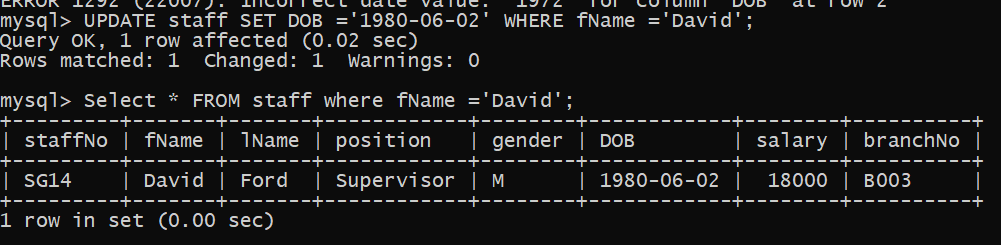
Instructor: Sir Sadiq U Rehman

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| **Lab Task 1:** |

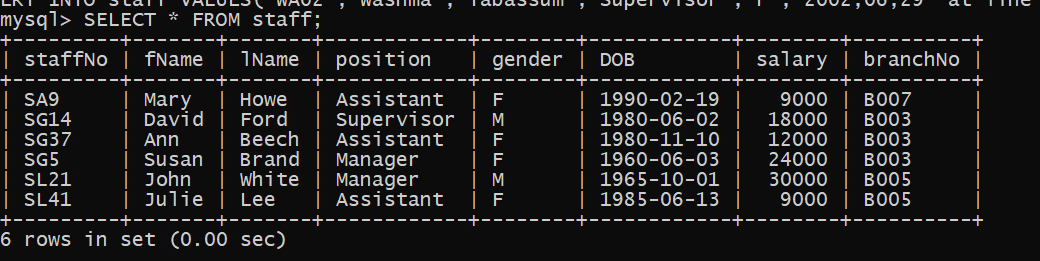
Lab Task 2:

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| --- | --- |
|  | |
|  | |
| * ***Creating table staff*** | |
| CREATE TABLE staff | |
|  | |
| * ***Inserting values into staff*** | |
|  | |
| * ***Creating table privateOwner*** | |
|  | |
| * ***Inserting values into privateOwner*** | |
| * ***Creating table propertyForRent*** | |
|  | |
| * ***Inserting values into propertyForRent*** | |
|  | |
| * ***Creating table client*** | |
| CREATE TABLE client | |
| * ***Inserting values into client*** | |
|  | |
| * ***Creating table viewing*** | |
| * ***Inserting values into viewing*** | |
| * ***Creating table registration*** | |
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|  |  |
|  | * ***Inserting values into registration*** |
|  |  |

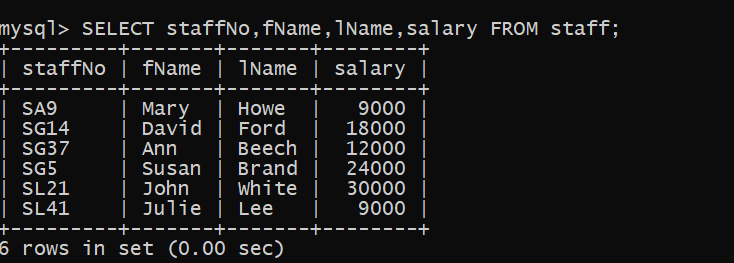
Query 01:



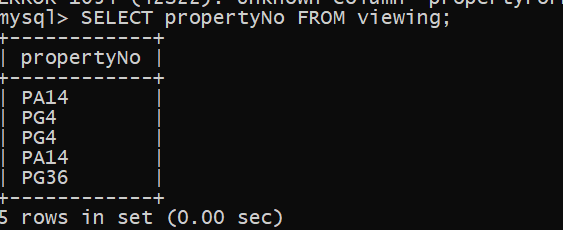
Query 02:



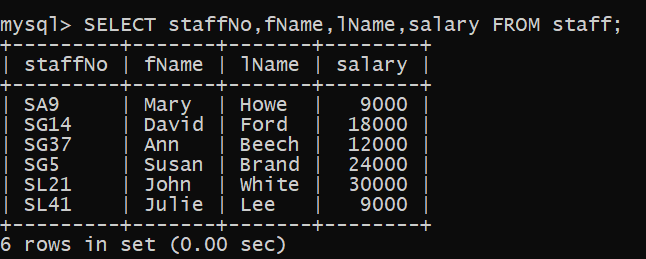
Query 03:



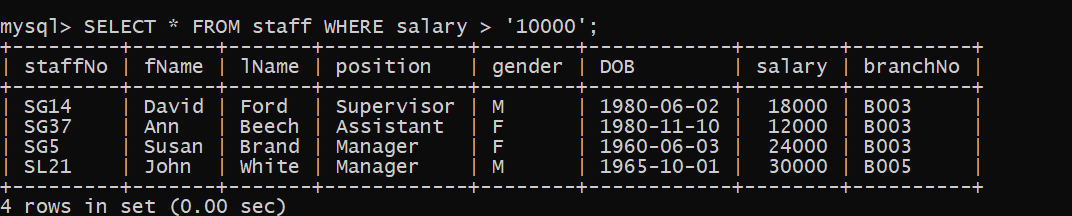
Query 04:



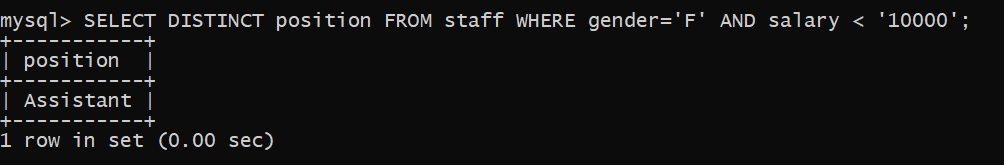
Query 05:



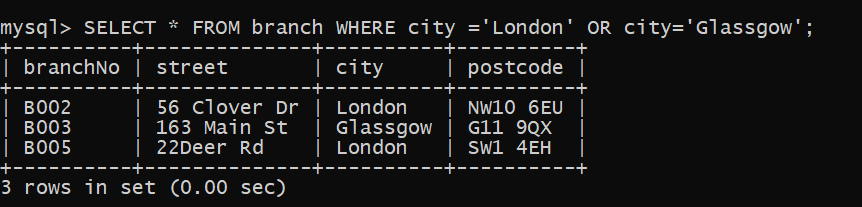
Query 08:



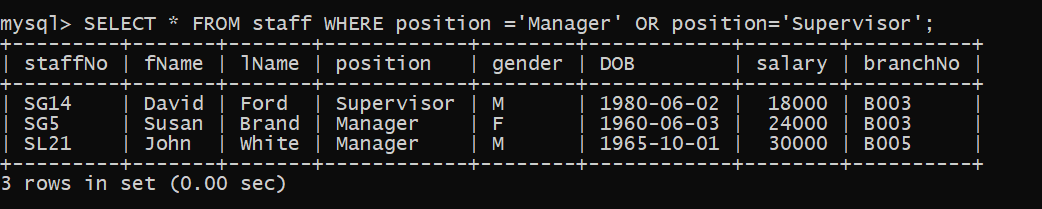
Query 09:



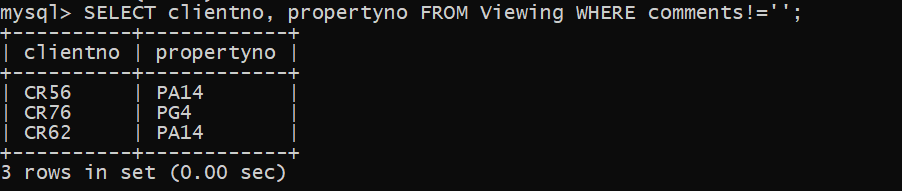
Query 10:



Query 11:



Query 12:

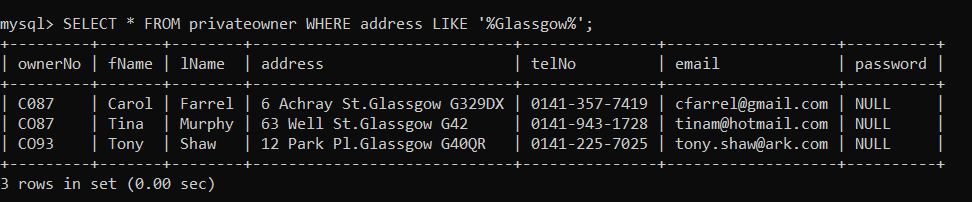


**LAB 04**

**Query: 01**

SELECT roomtype,price FROM rooms WHERE (roomtype = ‘double’ OR roomtype =’family’) AND price < 40.00 ORDER BY price ASC;

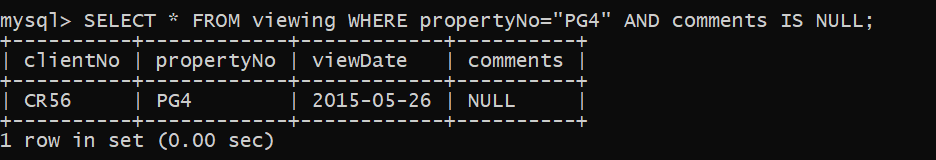
**Query: 02**

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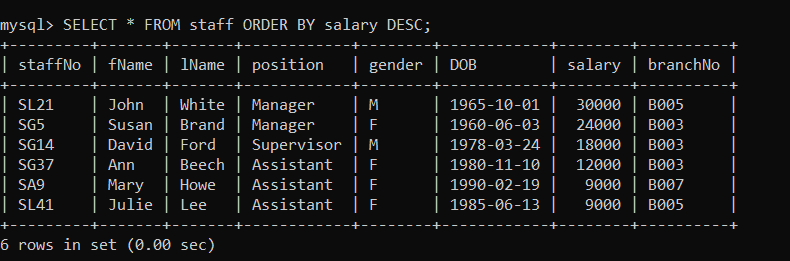
**Query: 03**

SELECT COUNT(\*) AS total\_customers FROM customers WHERE city = 'Union';

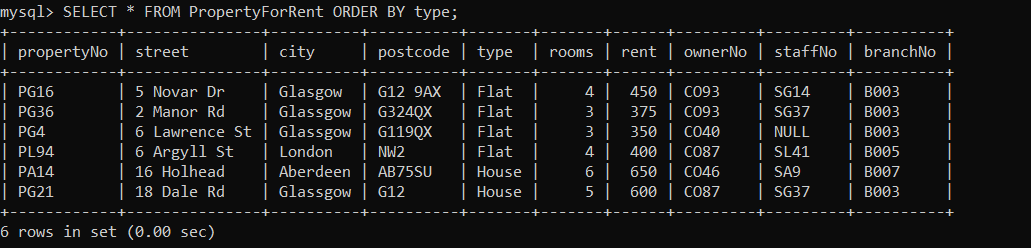
**Query: 04**

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**Query: 05**

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**Query: 06**

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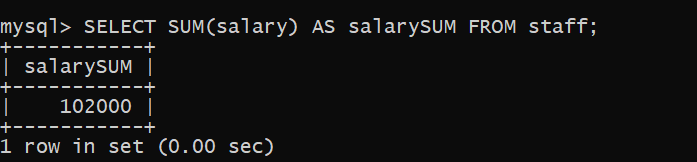
**Query: 07**

SELECT name, address FROM Guest WHERE city =’London’ ORDER BY name ASC;

**Query: 08**

SELECT COUNT (DISTINCT product\_ID) FROM A\_Reviews table;

**Query: 09**

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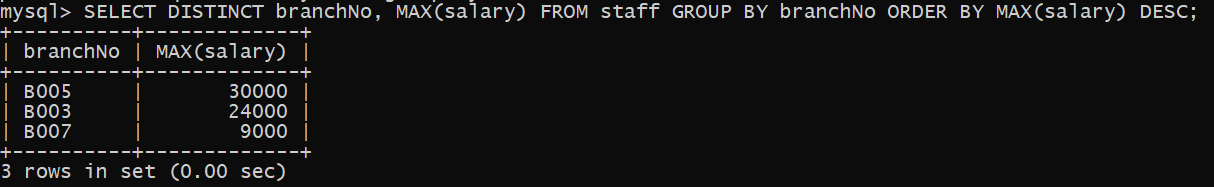
**Query: 10**

SELECT MAX (price) AS max FROM rooms WHERE type =’family’;

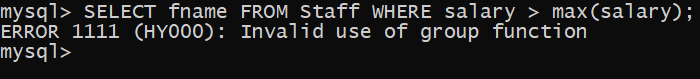
**Query: 13**

SELECT sum (sell\_price\*quantity) as revenue FROM A\_Products;

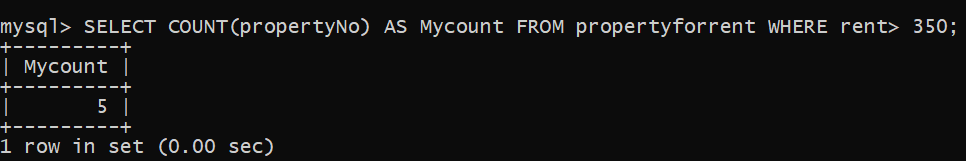
**Query: 14**

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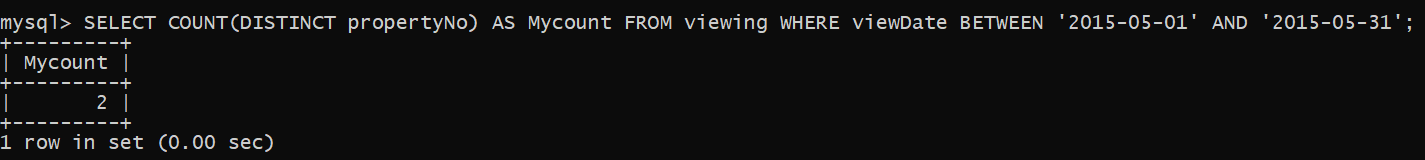
**Query: 15**

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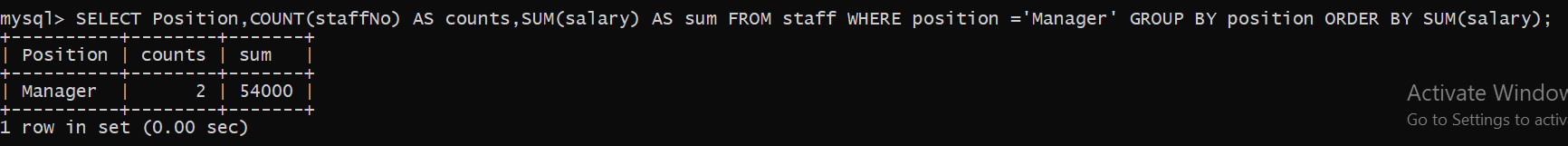
**Query: 16**

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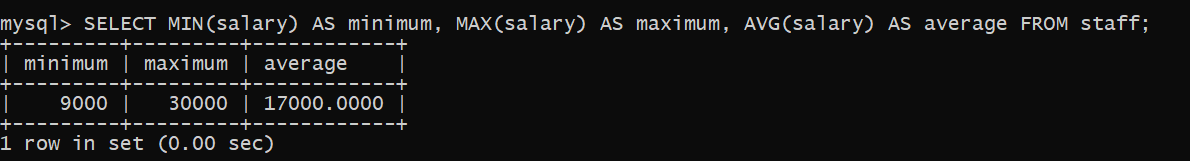
**Query: 17**

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**Query: 18**

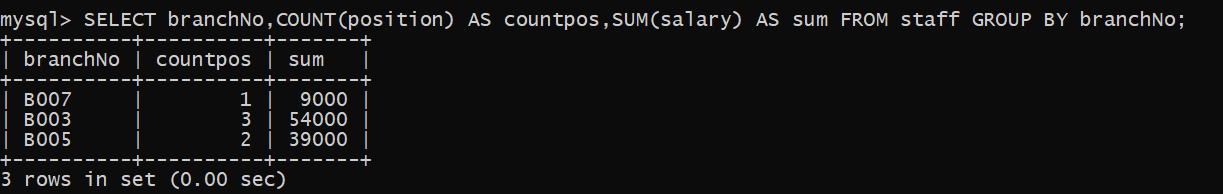
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**Query: 19**

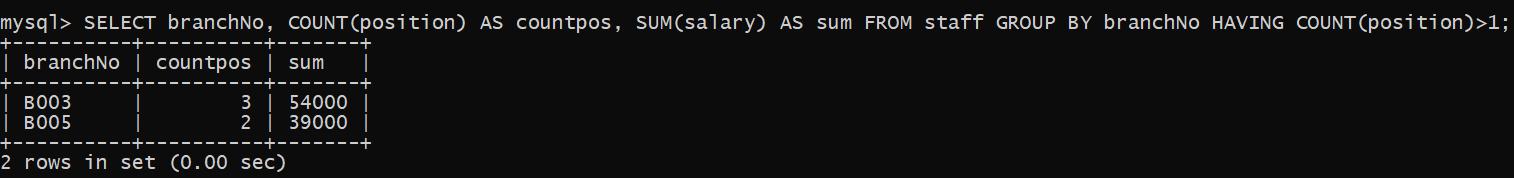
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**Query: 20**

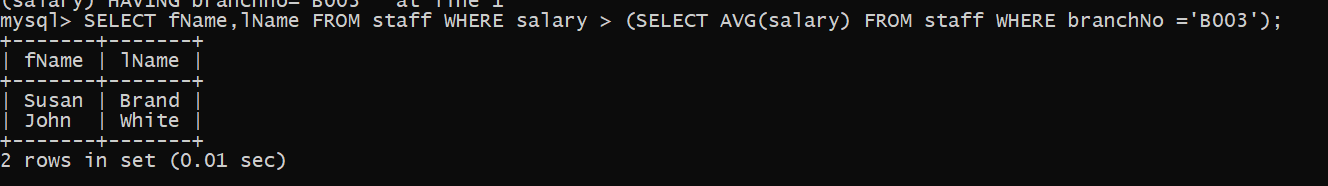
**Query: 21**

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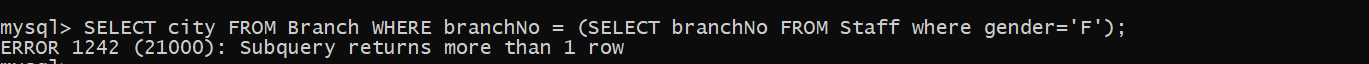
**Query: 22**

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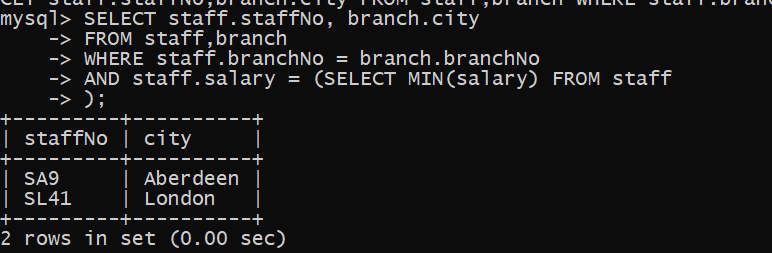
Query 01:



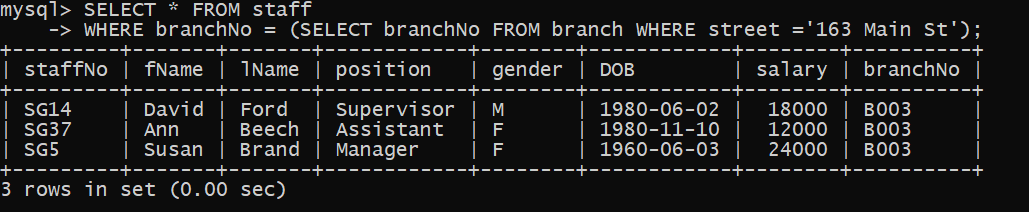
Query 02:



Query 03:



Query 04:



Query 06:

SELECT \* FROM guests

WHERE guest\_id IN (

SELECT guest\_id

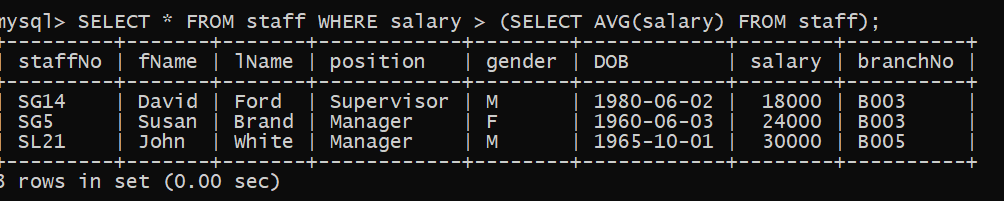
FROM reservations

WHERE hotel\_name = ‘Grosvenor Hotel’

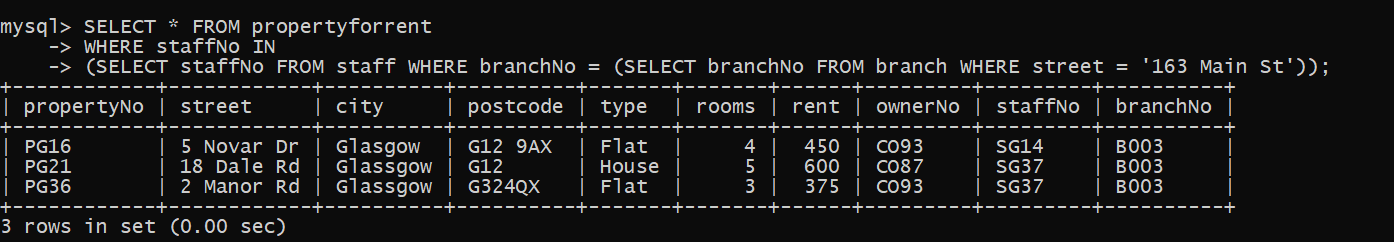
AND check\_in\_date >= '2004-04-01'

AND check\_out\_date <= '2004-08-31');

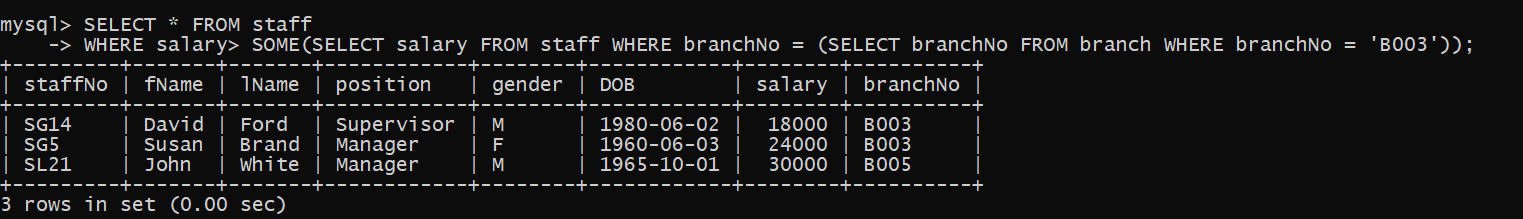
Query 07:



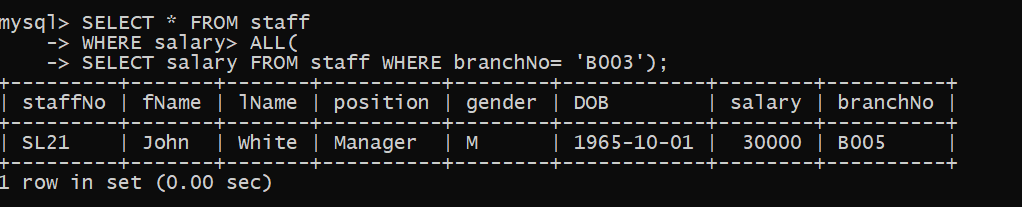
Query 08:



Query 09:



Query 10:



Query 11:

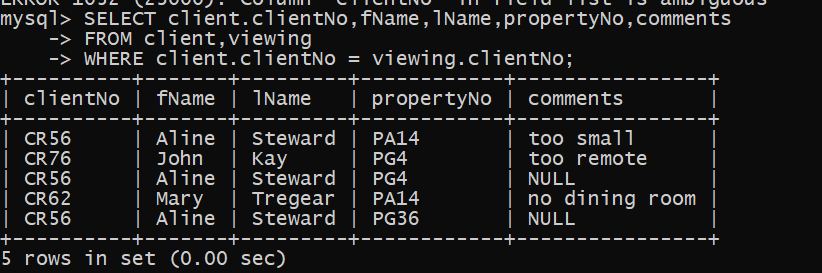
SELECT fName FROM employees

INNERJOIN locations ON employees.locationID = locations.locationID

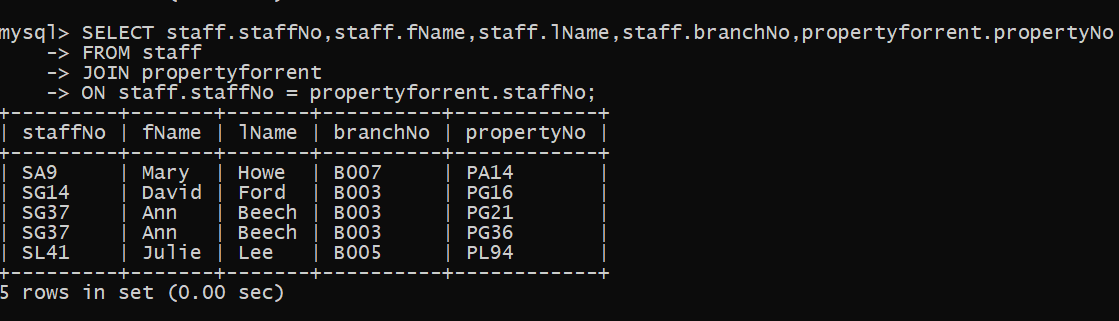
WHERE locations.city = ‘London’

AND employees.salary> 10000;

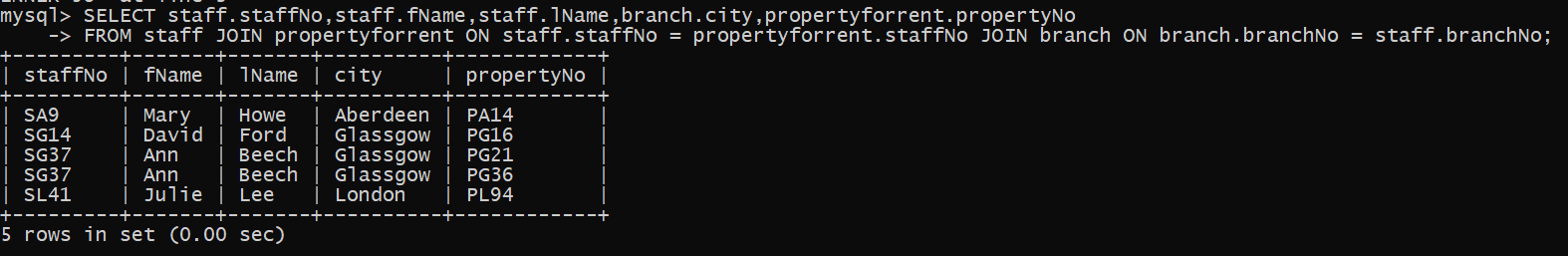
Query 12:



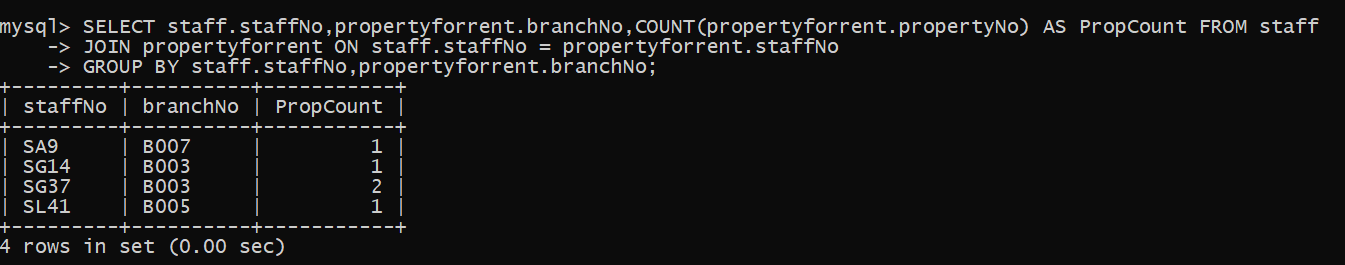
Query 13:



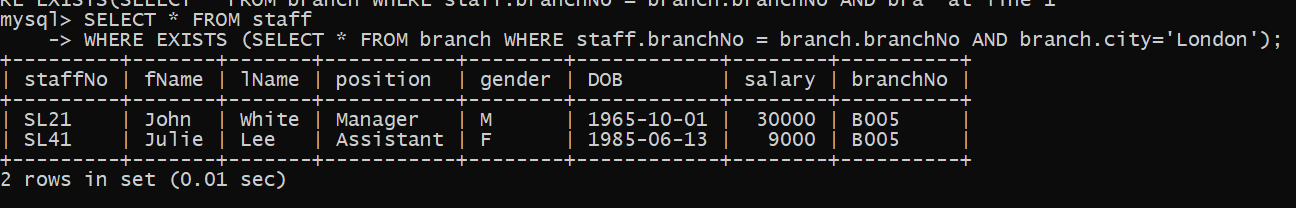
Query 14:



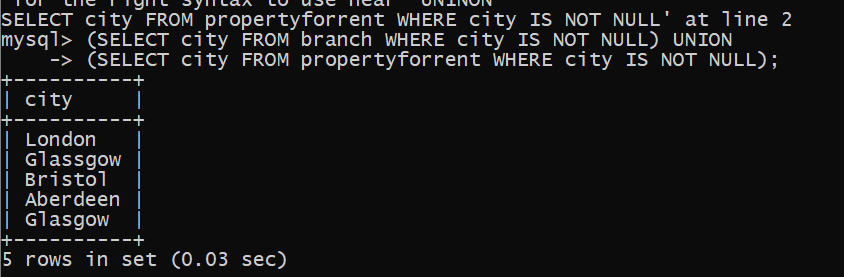
Query 15:



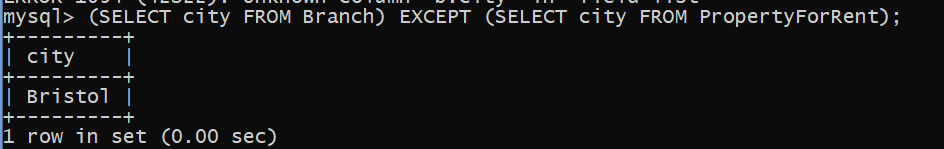
Query 16:



Query 22:

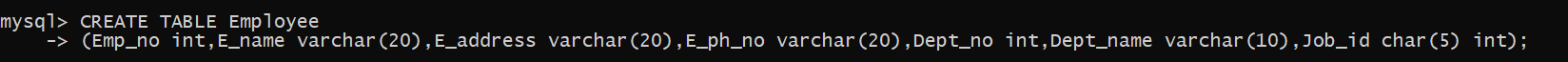


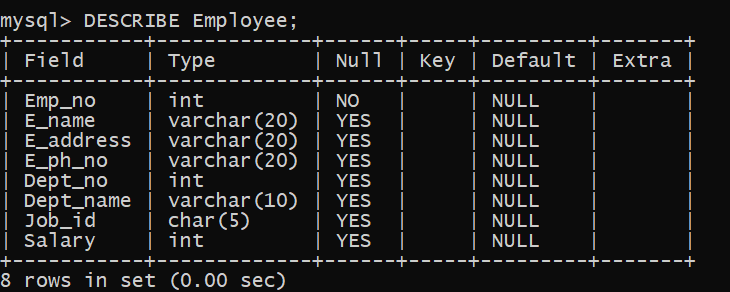
Query 25:



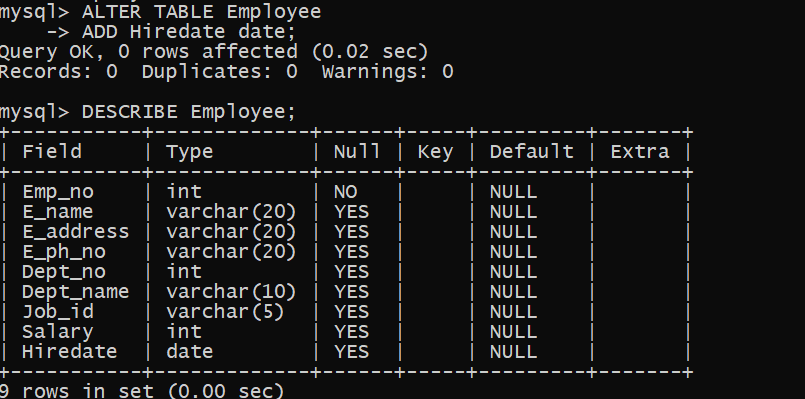
***Lab No.7***

Query 1:

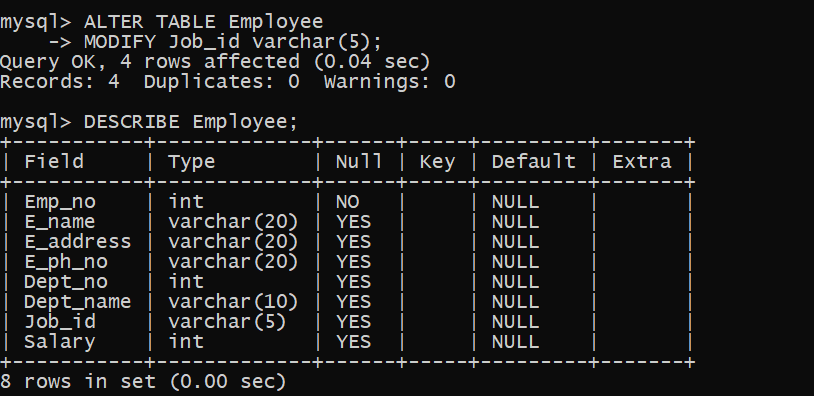




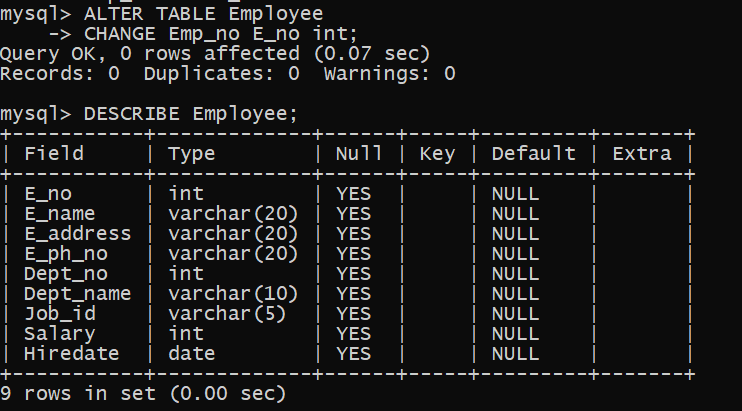
Query 2:



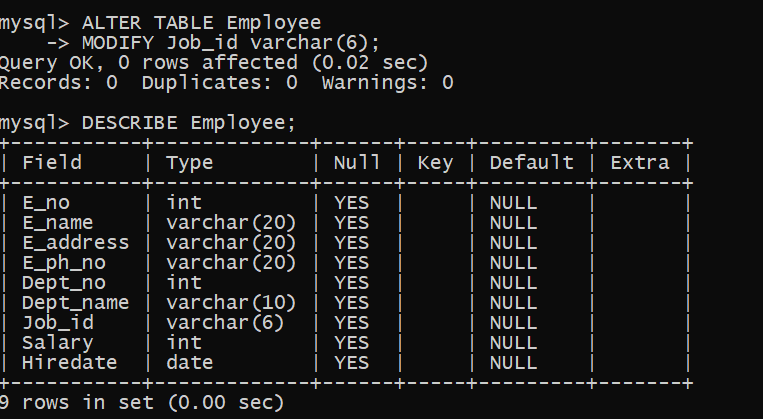
Query 3



Query 4:

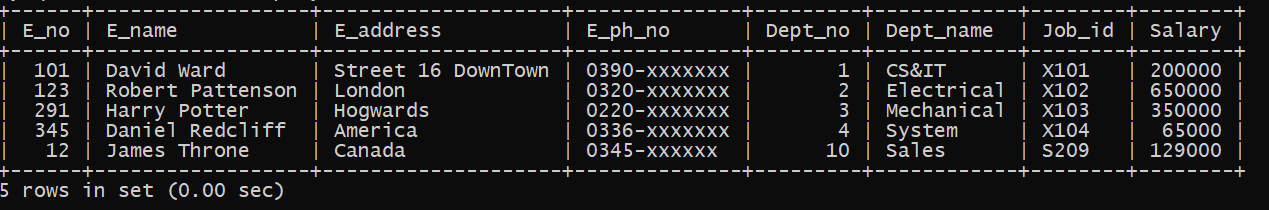


Query 5:

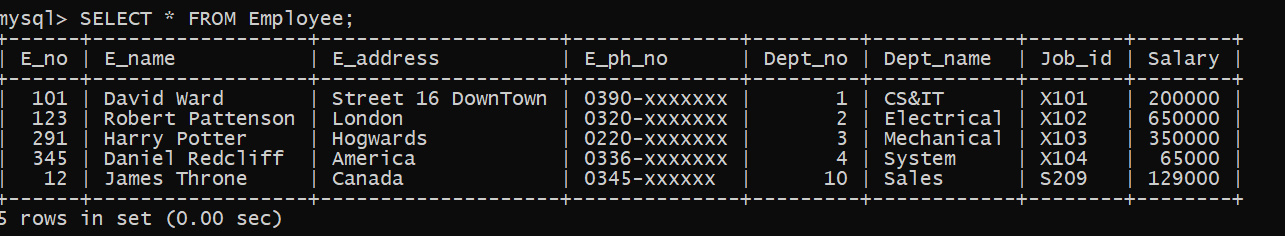


***Lab # 08***

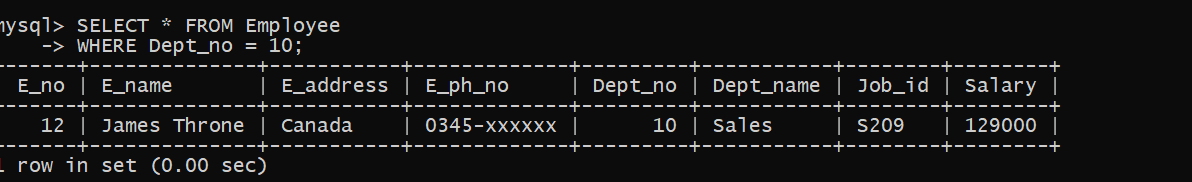
Query 1:



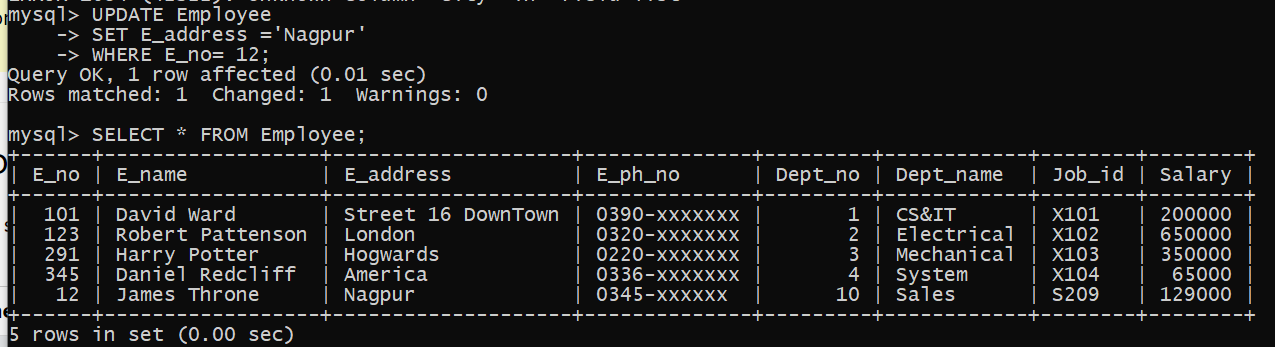
Query 2:



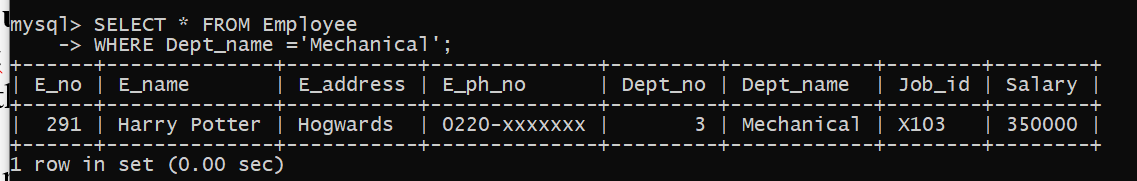
Query 3:



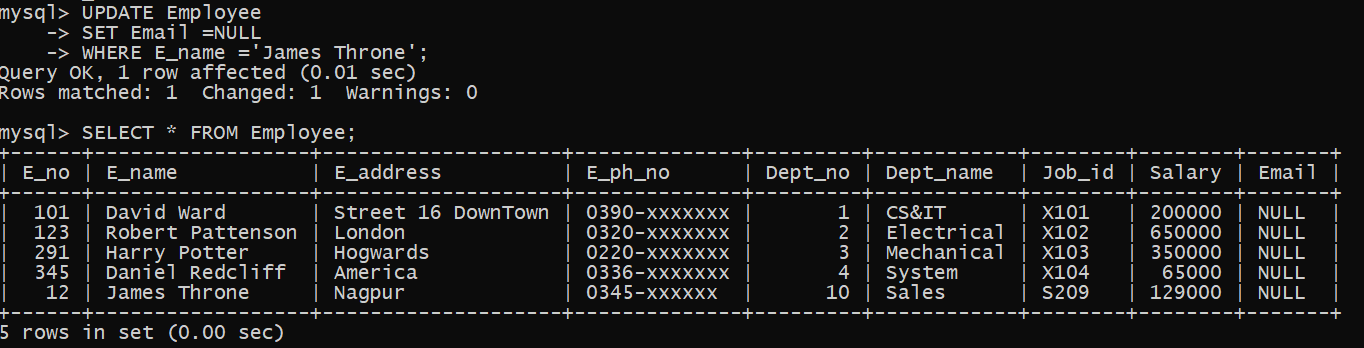
Query 4:



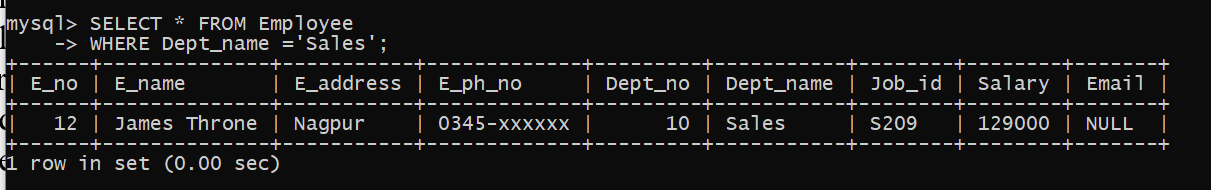
Query 5:



Query 6:

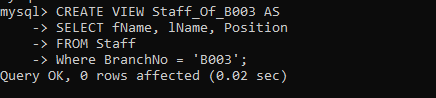


Query 7:

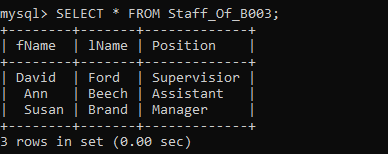


**WEEK 10**

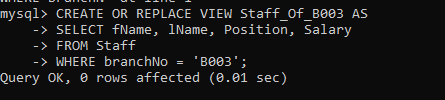
**Creating a View:**

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**Displaying a View:**

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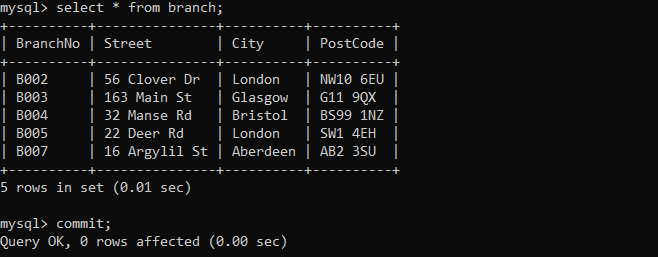
**Updating a View:**

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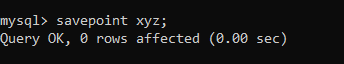
**Dropping a View:**

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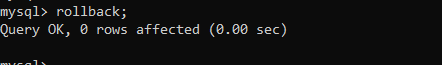
**Commit:**



**Save point:**

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**Rollback:**

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