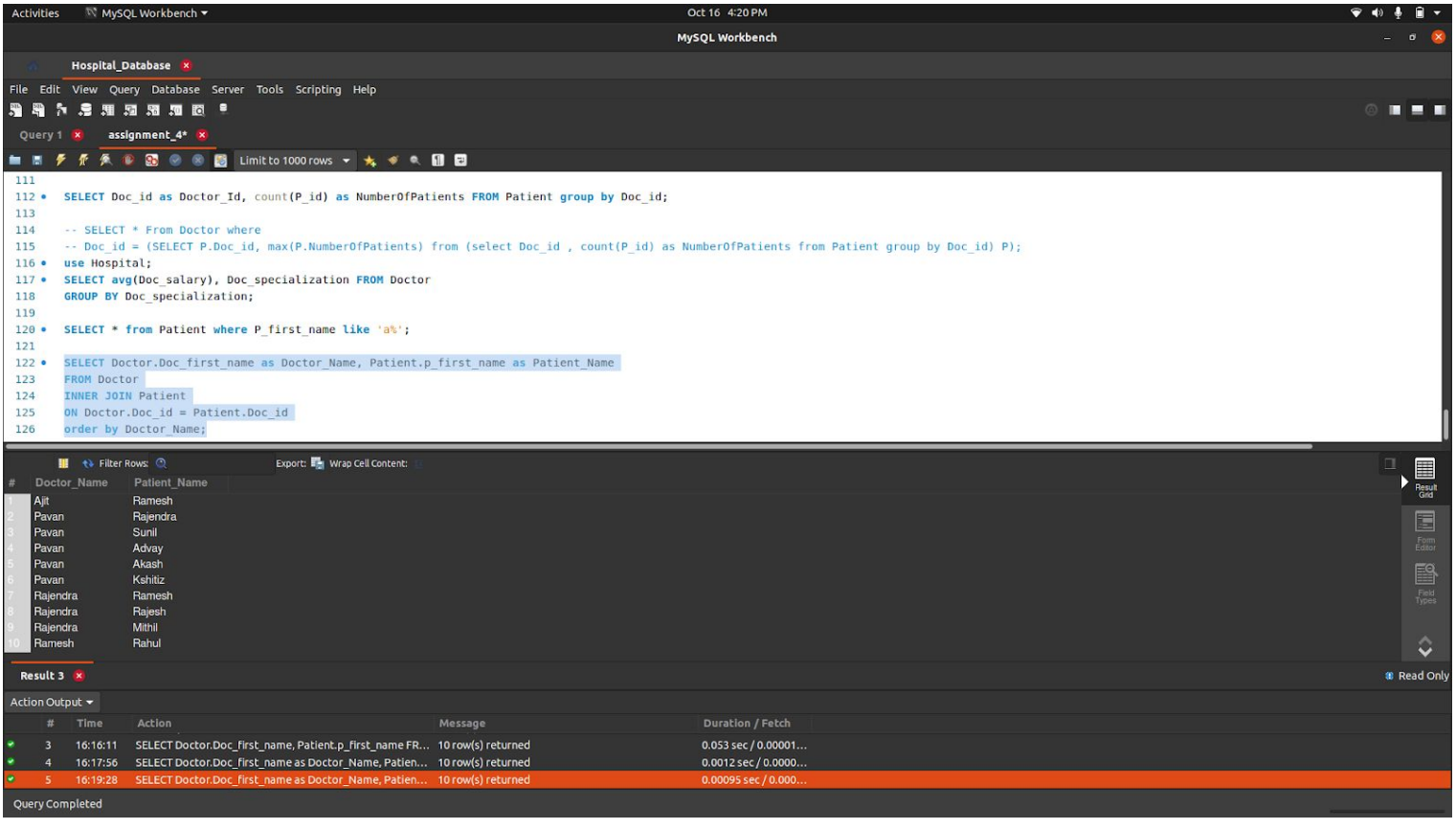
DBMS - Lab Assignment 5
Group no - 8

1. INNER JOIN

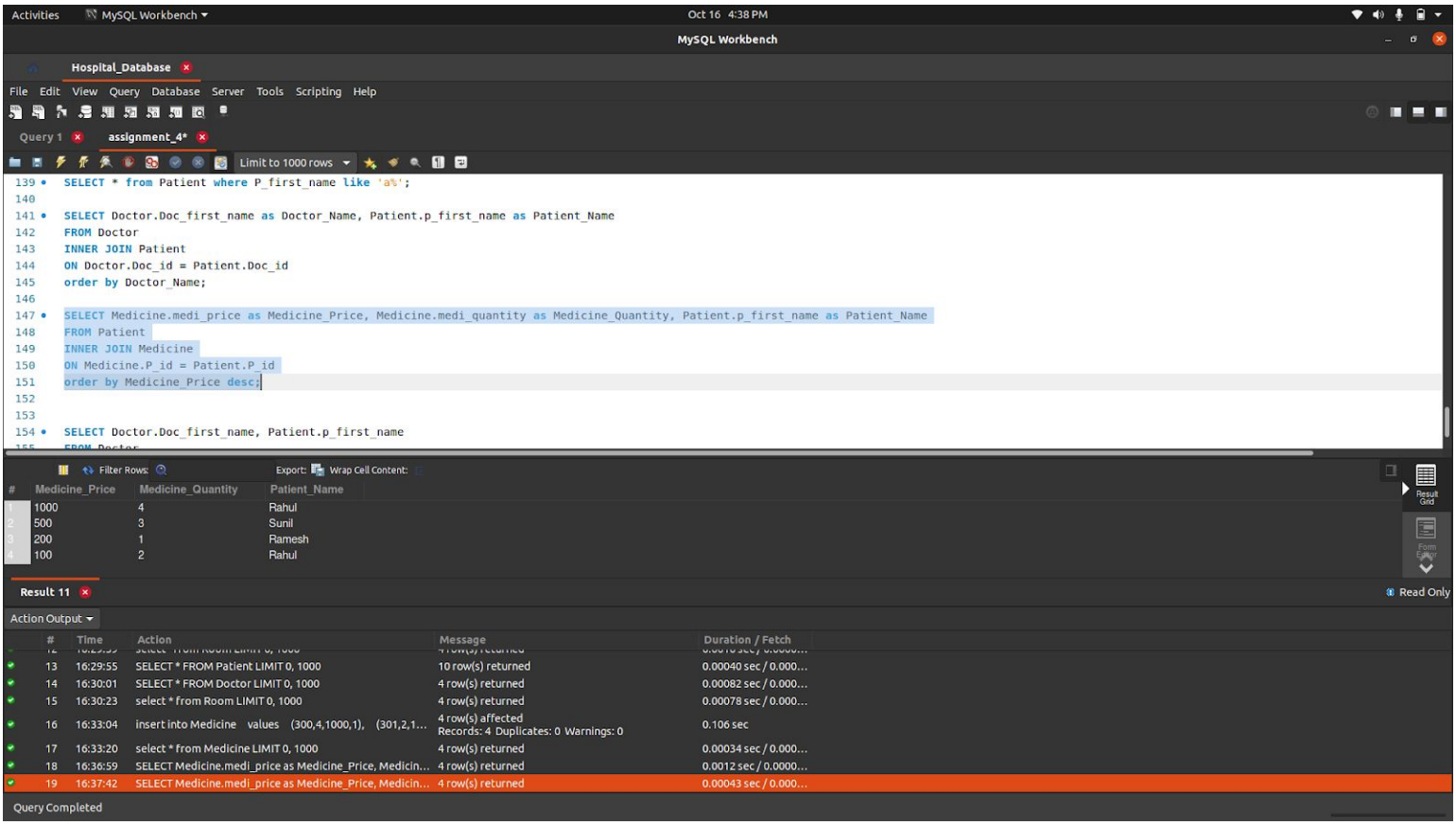
- **Query 1**

SELECT Doctor.Doc_first_name as Doctor_Name, Patient.p_first_name as Patient_Name
FROM Doctor
INNER JOIN Patient
ON Doctor.Doc_id = Patient.Doc_id
order by Doctor_Name ;



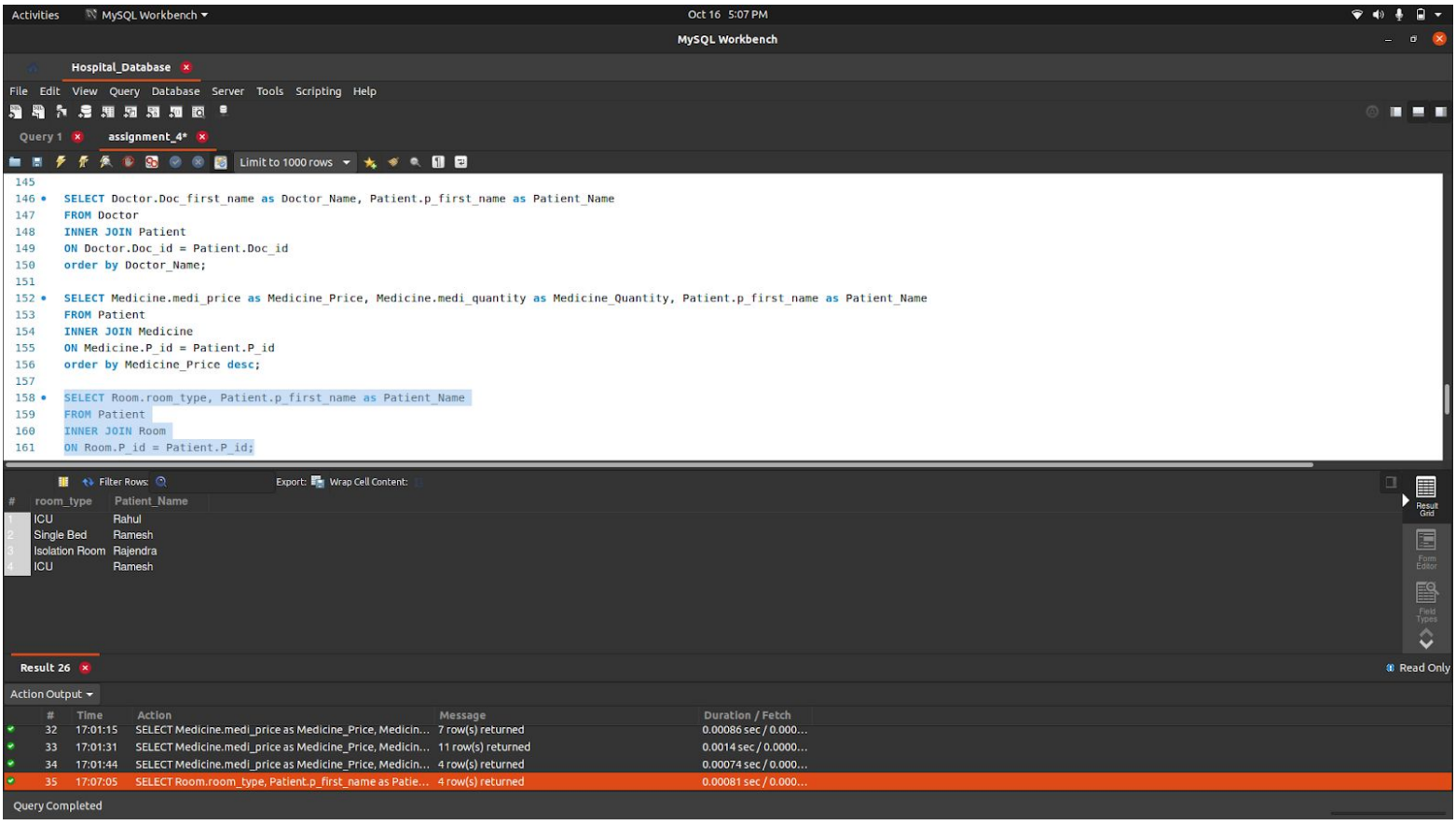
- **Query 2**

```
SELECT Medicine.medi_price as Medicine_Price, Medicine.medi_quality as Medicine_Quality, Patient.p_first_name as
        Patient_Name
FROM Patient
INNER JOIN Medicine
ON Medicine.P_id = Patient.P_id
Order by Medicine_Price desc ;
```



- **Query 3**

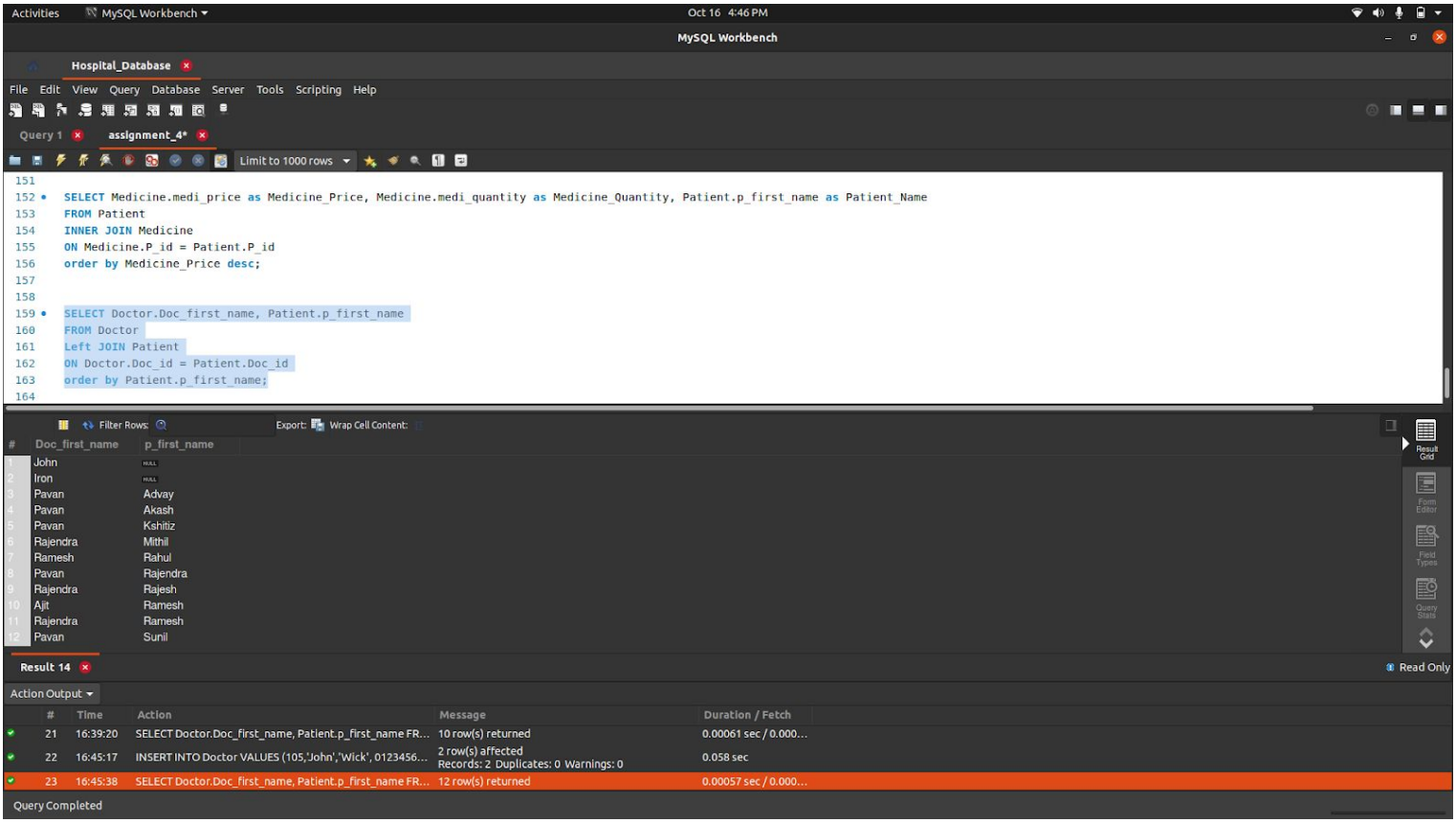
```
SELECT Room.room_type, Patient.p_first_name as Patient_Name
FROM Patient
INNER JOIN Room
ON Room.P_id = Patient.P_id;
```



2. LEFT OUTER JOIN

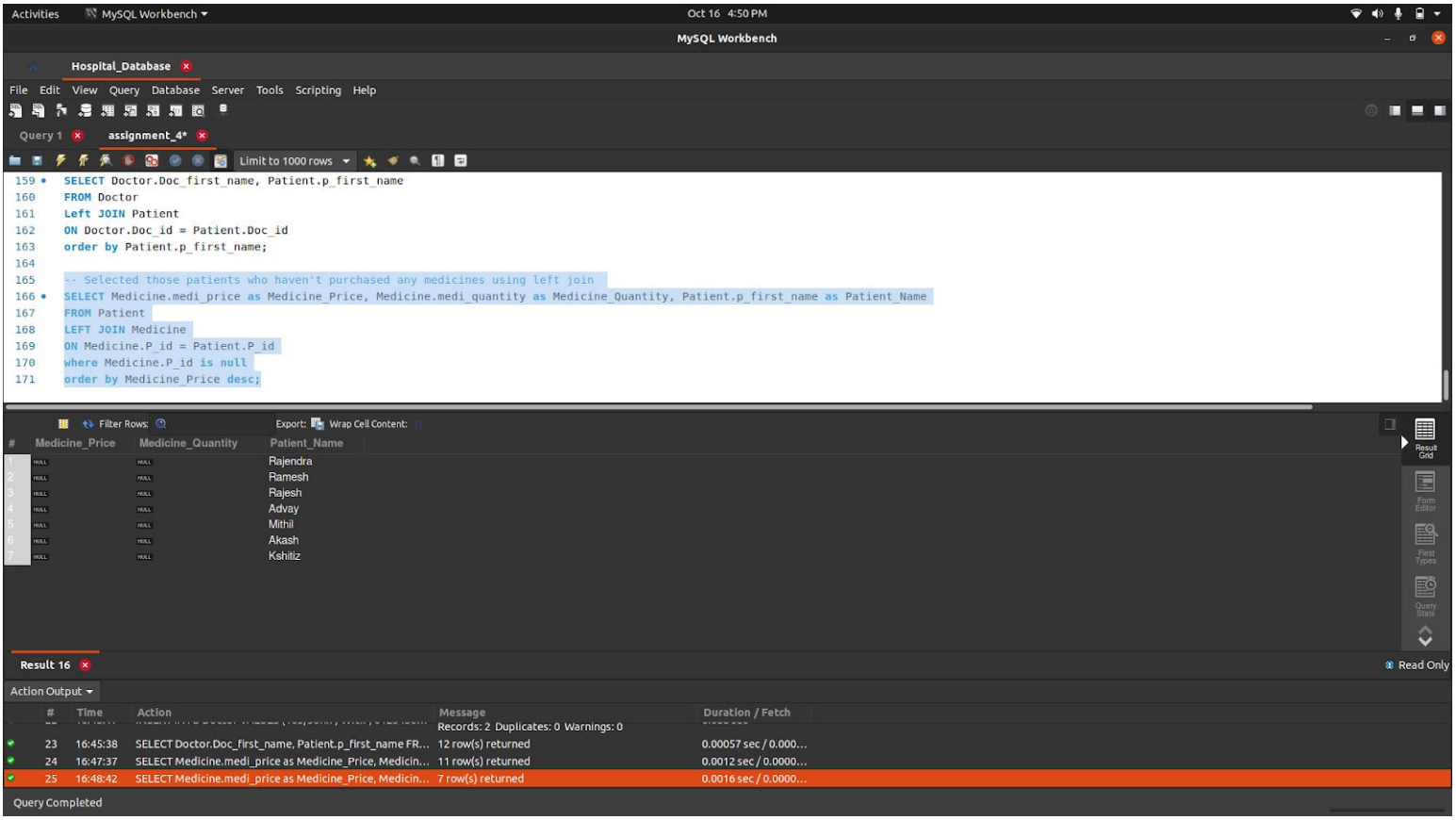
- **Query 1**

```
SELECT Doctor.Doc_first_name, PAtient.p_first_name
FROM Doctor
Left JOIN Patient
ON DOctor.Doc_id = PAtient.Doc_id
Order by PAtient.p_first_name ;
```



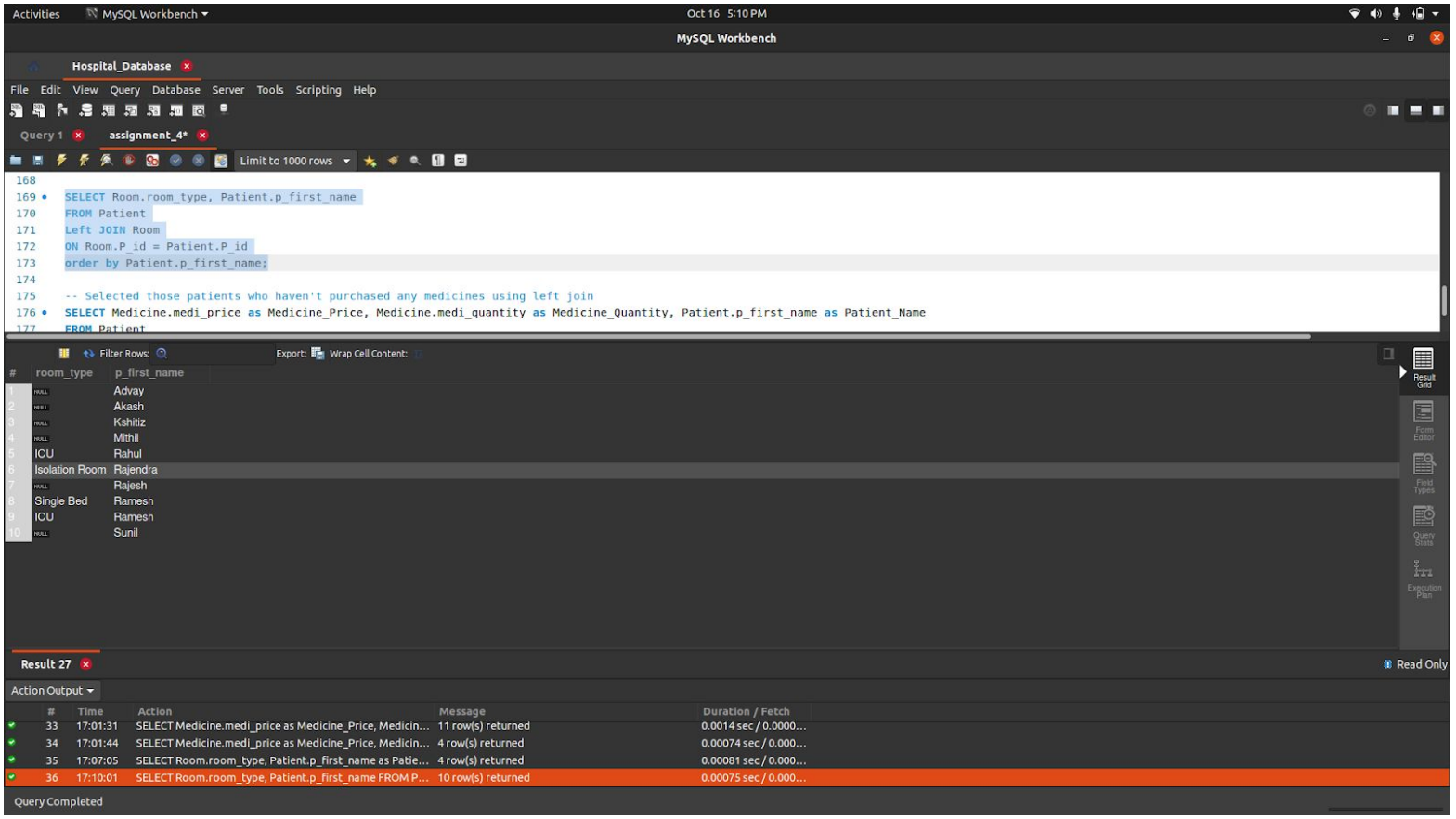
- **Query 2**

```
SELECT Medicine.medi_price as Medicine_Price, Medicine.medi_quality as Medicine_Quality, Patient.p_first_name as
        Patient_Name
FROM Patient
LEFT JOIN Medicine
ON Medicine.P_id = Patient.P_id
where Medicin.P_id is null
order by Medicine_Price desc ;
```



- **Query 3**

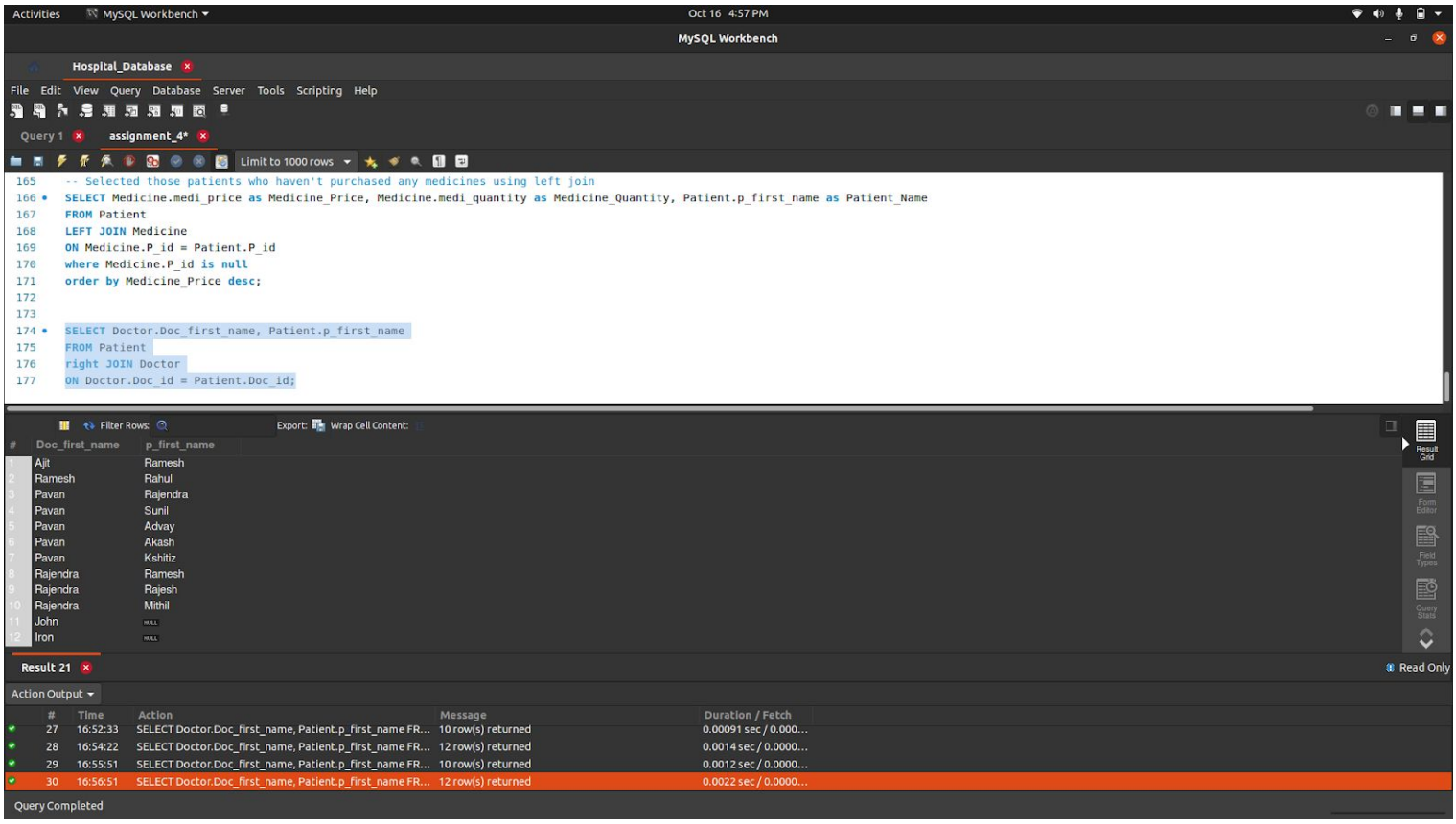
```
SELECT Room.room_type, Patient.p_first_name
FROM Patient
Left JOIN Room
ON Room.P_id = Patient.P_id
order by Patient.p_first_name;
```



3. RIGHT OUTER JOINS

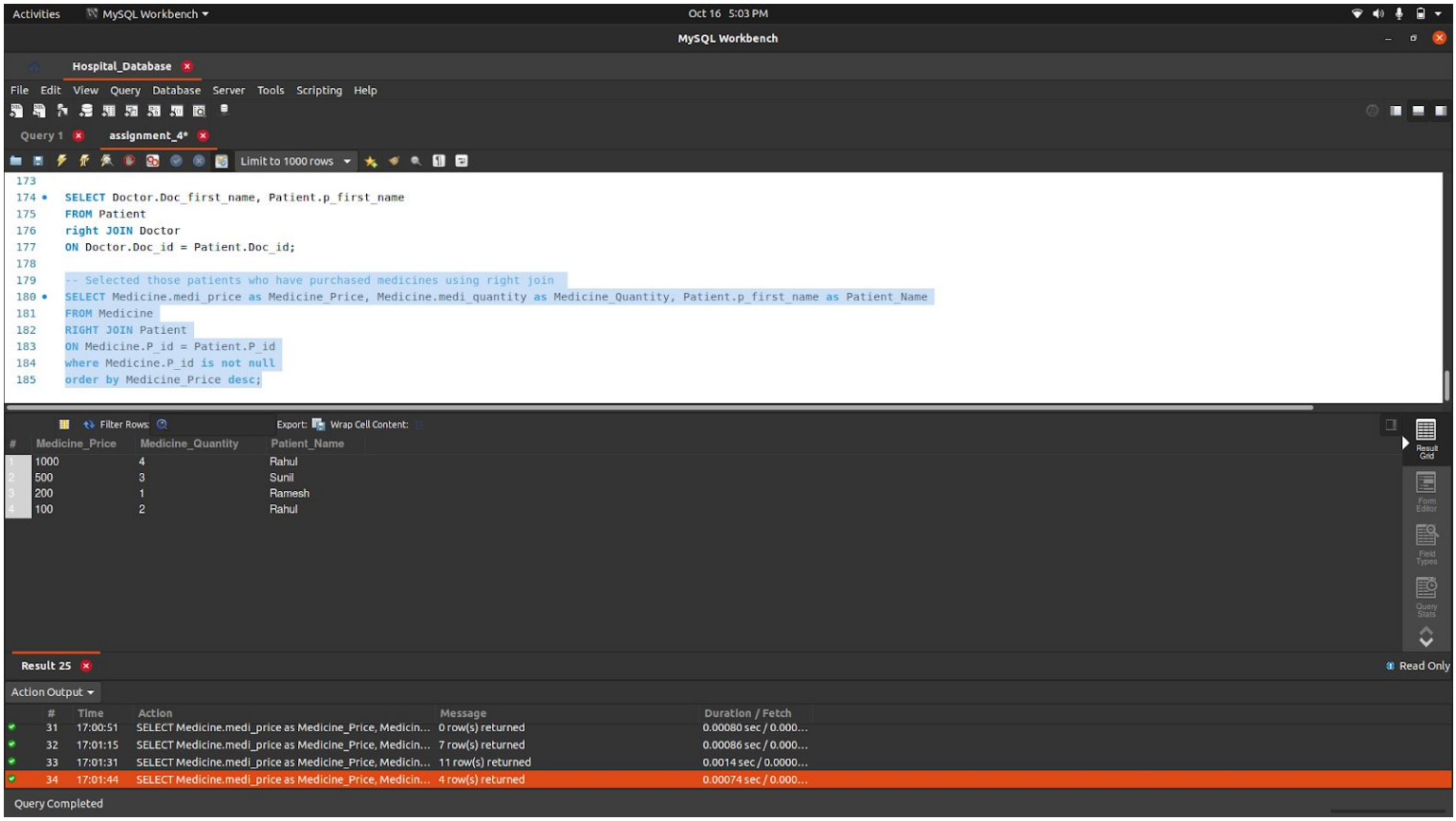
- **Query 1**

```
SELECT Doctor.Doc_first_name, Patient.p_first_name
FROM PAtient
right JOIN Doctor
ON Doctor.Doc_id = PAtient.Doc_id ;
```



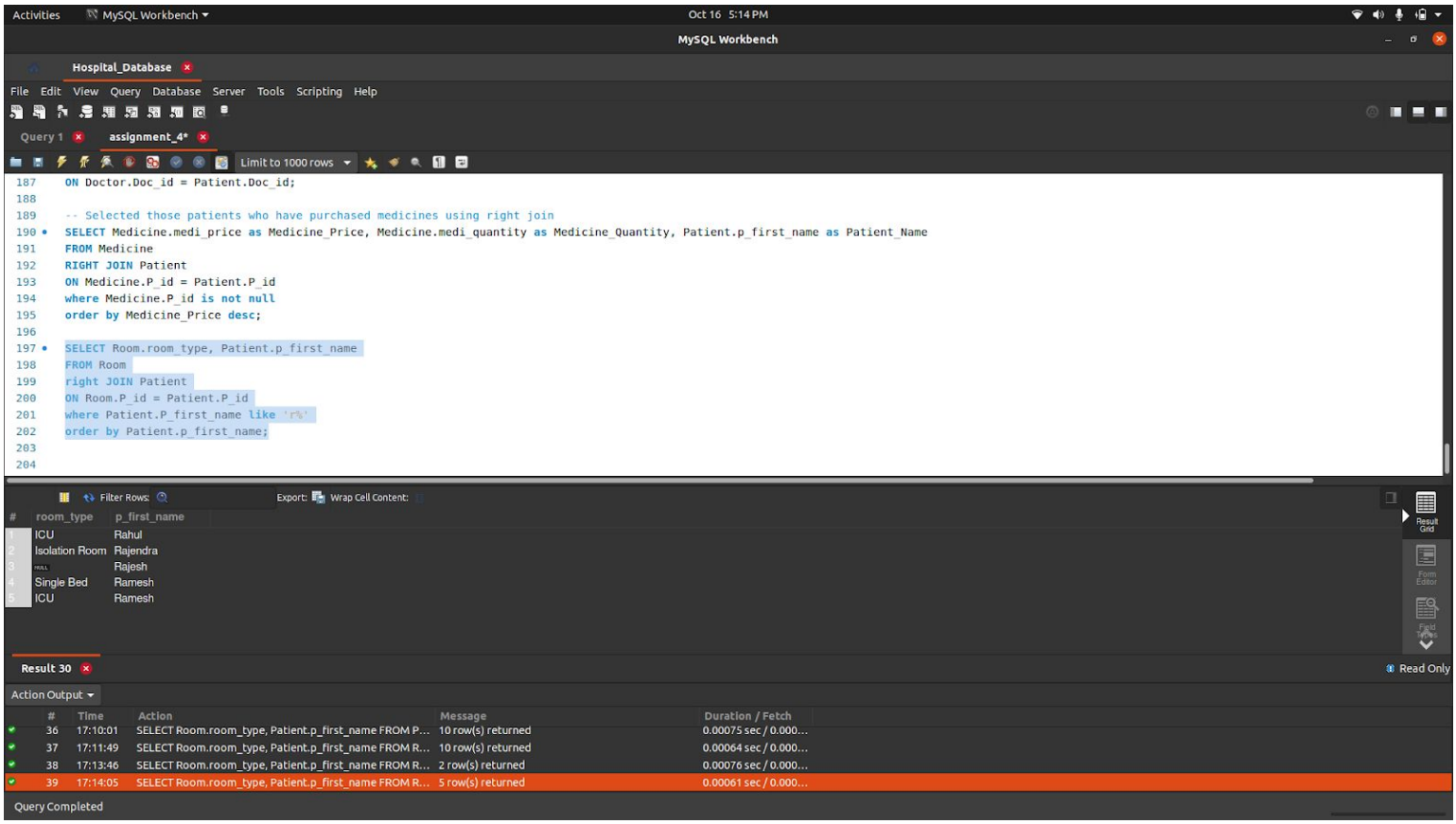
- **Query 2**

SELECT Medicine.medi_price as Medicine_Price, Medicine.medi_quantity as Medicine_Quantity, Patient.p_first_name as Patient_Name
FROM Medicine
RIGHT JOIN Patient
ON Medicine.P_id = Patient.P_id
where Medicine.P_id is not null
order by Medicine_Price desc;



- **Query 3**

```
SELECT Room.room_type, Patient.p_first_name
FROM Room
right JOIN Patient
ON Room.P_id = Patient.P_id
where Patient.P_first_name like 'r%'
order by Patient.p_first_name;
```



4. Different types of clauses and operators

We have used different types of clauses and operators in above 3 questions

```
SELECT Room.room_type, Patient.p_first_name
FROM Room
right JOIN Patient
ON Room.P_id = Patient.P_id
where Patient.P_first_name like 'r%'
order by Patient.p_first_name;
```