**Hello Team!Consider the below two tables**:



**Ques.1. Write a SQL query to fetch the count of employees working in project 'P1'.**

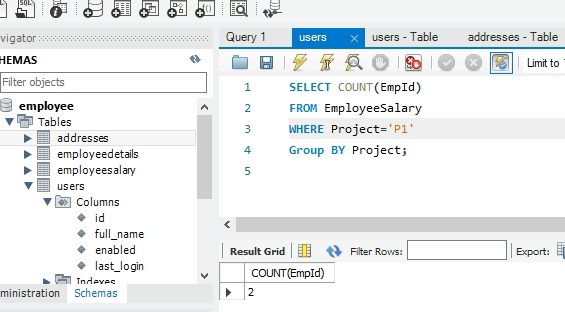
**Your Answer:**

**SELECT COUNT(EmpId)**

**FROM EmployeeSalary**

**WHERE Project=’P1’**

**Group BY Project;**

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**Ques.2. Write a SQL query to fetch employee names having salary greater than or equal to 5000 and less than or equal 10000.**

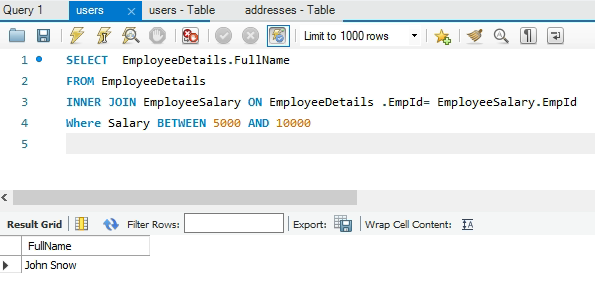
**Your Answer:**

**SELECT EmployeeDetails.FullName**

**FROM EmployeeDetails**

**INNER JOIN EmployeeSalary ON EmployeeDetails .EmpId= EmployeeSalary.EmpId**

**Where Salary BETWEEN 5000 AND 10000**

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**Ques.3. Write a SQL query to fetch count of employees sorted by project's count in descending order.**

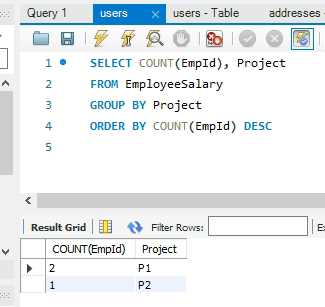
**Your Answer:**

**SELECT COUNT(EmpId), Project**

**FROM EmployeeSalary**

**GROUP BY Project**

**ORDER BY COUNT(EmpId) DESC**

****

**Ques.4. Write a query to fetch employee names and salary records. Return employee details even if the salary record is not present for the employee.**

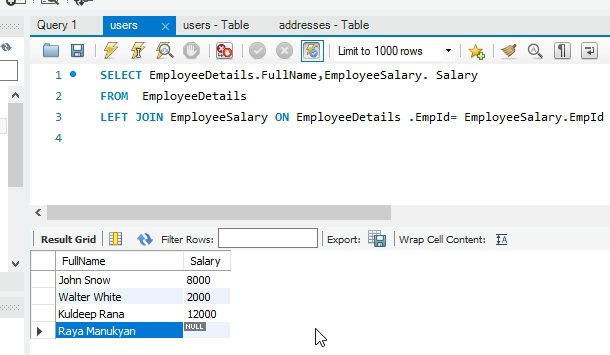
**Your Answer:**

**SELECT EmployeeDetails.FullName,EmployeeSalary. Salary**

**FROM EmployeeDetails**

**LEFT JOIN EmployeeSalary ON EmployeeDetails .EmpId= EmployeeSalary.EmpId**

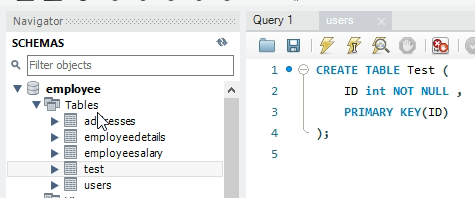
**Image done after ques.8, it is more visible ☺**

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**Ques.5. Write a SQL query to create an empty table with ‘Test’ name.**

**Your Answer:**

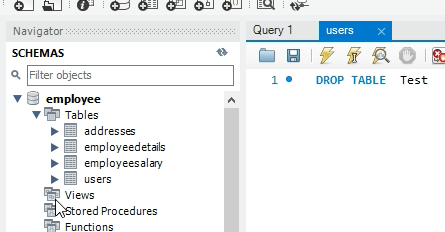
**CREATE TABLE** Test (  
 **ID** *int NOT NULL*,  
   **PRIMARY KEY***(ID)*  
);

****

**Ques.6. Write a SQL query to delete an empty table with ‘Test’ name.**

**Your Answer:**

**DROP TABLE  Test**

****

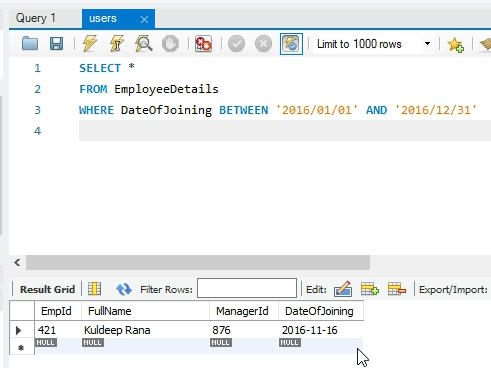
**Ques.7. Write a SQL query to fetch all the Employees details from EmployeeDetails table who joined in Year 2016.**

**Your Answer:**

**SELECT \***

**FROM EmployeeDetails**

**WHERE DateOfJoining BETWEEN '2016/01/01' AND '2016/12/31'**

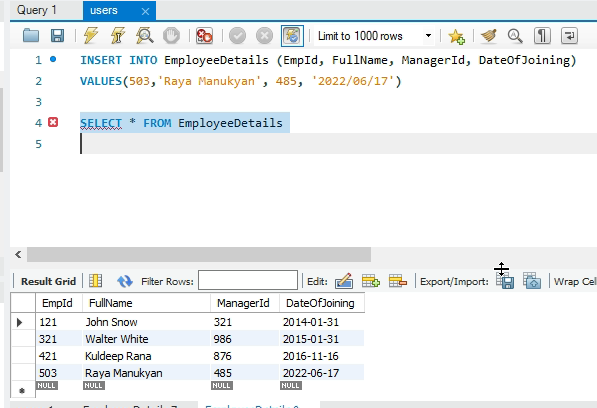
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**Ques.8. Write a SQL query to insert new record to the EmployeeDetails table with any data.**

**Your Answer:**

**INSERT INTO EmployeeDetails (EmpId, FullName, ManagerId, DateOfJoining)**

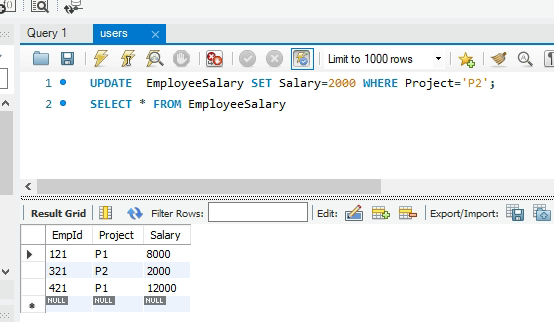
**VALUES(503,'Raya Manukyan', 485, '2022/06/17')**

****

**Ques.9. Write a SQL query to update EmployeeSalary table with setting Salary to 2000 for Project P2.**

**Your Answer:**

**UPDATE EmployeeSalary SET Salary=2000 WHERE Project='P2'**

****

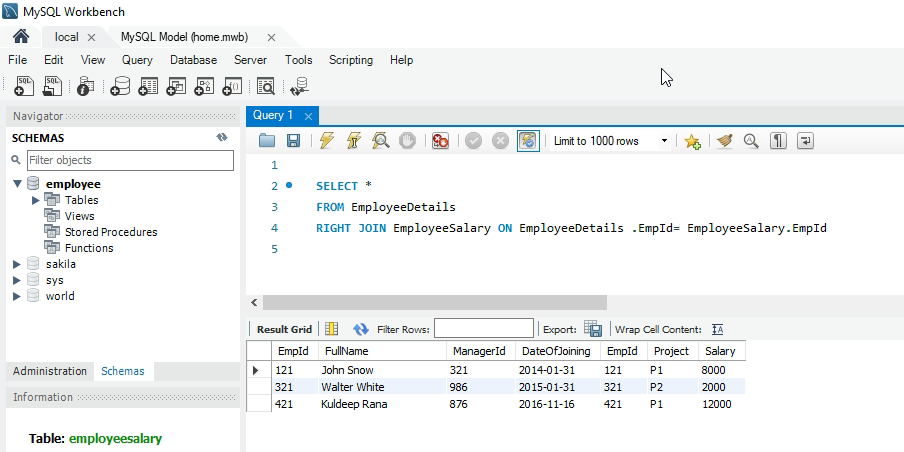
**Ques.10. Write a SQL query to right join both tables and draw the results.**

**Your Answer:**

**SELECT \***

**FROM EmployeeDetails**

**RIGHT JOIN EmployeeSalary ON EmployeeDetails .EmpId= EmployeeSalary.EmpId**

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**Now take these two tables:**





**Ques.11. Write a SQL query to fetch all users full\_name from San Francisco.**

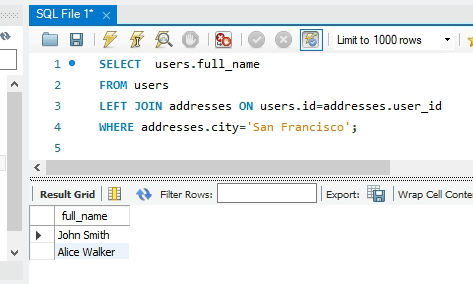
**Your Answer:**

**SELECT users.full\_name**

**FROM users**

**LEFT JOIN addresses ON users.id=addresses.user\_id**

**WHERE addresses.city=’San Francisco’**

****

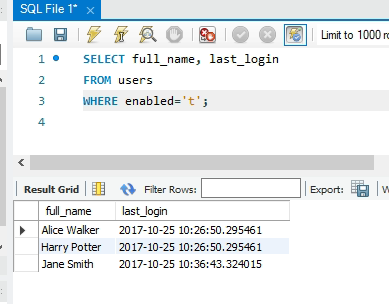
**Ques.12. Write a SQL query to fetch all users full\_name, last\_login who are enabled**

**Your Answer:**

**SELECT full\_name, last\_login**

**FROM users**

**WHERE enabled=’t’**

****

**Ques.13. Write a SQL query to fetch all users full\_name who are not from Main street**

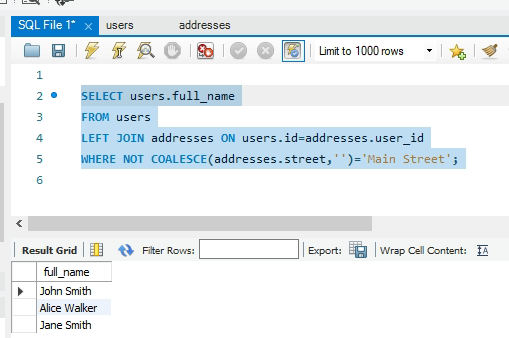
**Your Answer:**

**SELECT users.full\_name**

**FROM users**

**LEFT JOIN addresses ON users.id=addresses.user\_id**

**WHERE NOT COALESCE(addresses.street,'')='Main Street';**

****

**Ques.14. Write a SQL query to fetch all users full\_name who are from Main street or San Francisco**

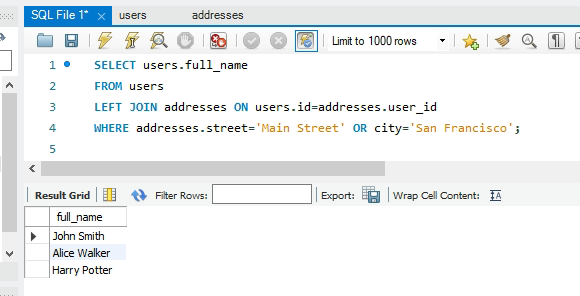
**Your Answer:**

**SELECT users.full\_name**

**FROM users**

**LEFT JOIN addresses ON users.id=addresses.user\_id**

**WHERE addresses.street=’Main Street’ OR city=’San Francisco’**

****

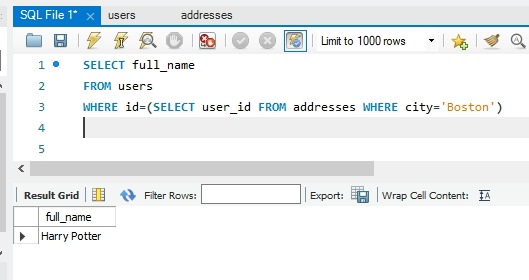
**Ques.15. Write a SQL query to fetch user full\_name who is equal to user\_id from Boston (find user\_id value in sub\_query)**

**Your Answer:**

**SELECT full\_name**

**FROM users**

**WHERE id=(SELECT user\_id FROM addresses WHERE city=’Boston’)**

****

**Good job**