Table - EmployeeDetails

EmpId	FullName	ManagerId	DateOfJoining
121	John Snow	321	01/31/2014
321	Walter White	986	01/30/2015
421	Kuldeep Rana	876	27/11/2016

Table - EmployeeSalary

EmpId	Project	Salary
121	P1	8000
321	P2	1000
421	P1	12000

Ques_1) Write a SQL query to fetch employee names having salary greater than or equal to 5000 and less than or equal 10000.

    1) SELECT EmployeeDetails.FullName FROM EmployeeDetails

      INNER JOIN EmployeeSalary

      ON EmployeeDetails.EmpId = EmployeeSalary.EmpId

      WHERE Salary BETWEEN 5000 and 10000;

    2) SELECT EmployeeDetails.FullName FROM EmployeeDetails

      WHERE EmpId IN

          (SELECT EmpId FROM EmployeeSalary

            WHERE Salary BETWEEN 5000 AND 10000);

Ques_2) Write a SQL query to fetch count of employees sorted by project's count in descending order.

    SELECT Project, COUNT(EmpId) CountOfEmployees

    FROM EmployeeSalary

    GROUP BY Project

    ORDER BY CountOfEmployees DESC;

Ques_3) Write a query to fetch employee names and salary records. Return employee details even if the salary record is not present for the employee.

    SELECT EmployeeDetails.FullName, EmployeeSalary.Salary

    FROM EmployeeDetails

```
       LEFT JOIN  EmployeeSalary

       ON EmployeeDetails.EmpId = EmployeeSalary.EmpId;
```

Ques_4) Write a SQL query to fetch all the Employees details from EmployeeDetails table who joined in Year 2016.

```
       SELECT  * FROM EmployeeDetails

       WHERE YEAR (DateOfJoining) = '2016';
```

Ques_5) Write a SQL query to insert new record to the EmployeeDetails table with any data.

```
       INSERT INTO EmployeeDetails(FullName, DateOfJoining)

       VALUES('Alisa Tamrazyan','06-10-1997');
```

Ques_6) Write a SQL query to update EmployeeSalery table with setting Salary to 2000 for Project P2.

```
       UPDATE EmployeeSalery

       SET Salary = 2000

       WHERE Project = 'P2';
```

Ques_7) Write a SQL query to right join both tables and draw the results.

```
       SELECT EmployeeDetails.FullName, EmployeeDetails.DateOfJoining,

       EmployeeSalary.Project, EmployeeSalary.Salary

       FROM EmployeeDetails

       RIGHT JOIN EmployeeSalary

       ON EmployeeDetails.EmpId = EmployeeSalary.EmpId;
```

FullName	DateOfJoining	Project	Salary
John Snow	01/31/2014	P1	8000
Walter White	01/30/2015	P2	1000
Kuldeep Rana	27/11/2016	P1	12000

NEW TABLES

addresses

user_id	street	city	state
1	1 Market Street	San Francisco	CA
2	2 Elm Street	San Francisco	CA
3	3 Main Street	Boston	MA

users

id	full_name	enabled	last_login
1	John Smith	f	2017-10-25 10:26:10.015152
2	Alice Walker	t	2017-10-25 10:26:50.295461
3	Harry Potter	t	2017-10-25 10:26:50.295461
5	Jane Smith	t	2017-10-25 10:36:43.324015

Ques_8) Write a SQL query to fetch all users full_name from San Francisco.

SELECT users.full_name

FROM users

INNER JOIN addresses ON users.id = addresses.user_id

WHERE city = '**San Francisco**';

Ques_9) Write a SQL query to fetch all users full_name, last_login who are enabled

SELECT users.full_name, users.last_login

FROM users

WHERE enabled = 't';

Ques_10) Write a SQL query to fetch all users full_name who are not from Main street

SELECT users.full_name

FROM users

INNER JOIN addresses ON users.id = addresses.user_id

WHERE NOT street = '3 Main street';

Ques_11) Write a SQL query to fetch all users full_name who are from Main street or San Francisco

SELECT users.full_name

FROM users

INNER JOIN addresses ON users.id = addresses.user_id

WHERE street = 'Main street' OR city = '**San Francisco**';

Ques_12) Write a SQL query to fetch user full_name who is equal to user_id from Boston (find user_id value in sub_query)

SELECT users.full_name

FROM users

WHERE user_id IN

       (SELECT user_id FROM addresses

        WHERE city = 'Boston');