Consider the below two tables:

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 the count of employees working in project 'P1'.

Your Answer:

```
Select count(*)
From EmployeeSalary
Where Project= 'P1'
```

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 FullName
From EmployeeDetails
Inner join EmployeeSalary ON EmployeeSalary.EmpId = EmployeeDetails.EmpId
Where EmployeeSalary.Salary >= 5000 AND EmployeeSalary.Salary < 10000;
```

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

Your Answer:

```
Select Project, count(EmpId)
From EmployeeSalary
Group by Project
Order by count(project) 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 FullName, Salary
From EmployeeDetails
Left Join EmployeeSalary
ON EmployeeSalary.EmpId = EmployeeDetails.EmpId
```

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
   );
```

Ques.6. 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.7. 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;
```

EmplId	*Project*	*Salary*	*FullName*	*ManagerID*	*DateOfJoining*
121	P1	8000	John Snow	321	01/31/2014
321	P2	1000	Walter White	986	01/30/2015
421	P1	12000	Kuldeep Rana	876	27/11/2016

Now take these two 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.

Your Answer:

Select full_name

From Users

Inner Join addresses

On users.id= addresses.user_id

Where city='1 San Francisco'

Ques.9. 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.10. Write a SQL query to fetch all users full_name who are not from Main street

Your Answer:

```
Select full_name
From Users
Inner Join addresses
On users.id= addresses.user_id
Where street!='3 Main Street'
```

correct

Ques.11. Write a SQL query to fetch all users full_name who are from Main street or San Francisco

Your Answer:

```
Select full_name
From users
Inner Join addresses
On users.id= addresses.user_id
Where street='3 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)

Your Answer:

```
Select full_name
From users
Where id =
(Select user_id
From addresses
Where city='Boston')
```