



**Q4 Write an SQL query to find the employee id whose salary lies in the range of 10000 and 15000.**

```
postgres=# select Empid,salary from EmployeeSalary where salary between 10000 and 15000;
 empid | salary 
-----+-----
      1 | 15000
      2 | 10000
      3 | 12000
(3 rows)
```

**Q5 Write an SQL query to display the total salary of each employee adding the Salary with Variable value.**

```
postgres=# select salary+variable as total_salary from EmployeeSalary;
 total_salary 
-----
      20000
      11000
      12000
(3 rows)
```

**Q6 Write an SQL query to fetch the Empids that are present in both the tables – 'EmployeeDetails' and 'EmployeeSalary.'**

```
postgres=# select Empid from EmployeeDetails where Empid in(select Empid from EmployeeSalary);
 empid 
-----
      1
      2
      3
(3 rows)
```

**Q7 Write an SQL query to upper case the name of the employee and lower case the city values.**

```
postgres=# select upper(FullName),lower(city) from EmployeeDetails;
 upper | lower 
-----+-----
 ROHIT | kolkata
  RAJ  | delhi
 RAGHAV | mumbai
(3 rows)
```

**Q8 Write an SQL query to fetch project-wise count of employees sorted by project's count in descending order.**

```
postgres=# select project,count(Empid) from EmployeeSalary group by project order by count(Empid) desc;
 project | count
-----+-----
 P1      |      2
 P2      |      1
(2 rows)
```

**Q9 Write an SQL query to fetch only odd rows from the table.**

```
postgres=# select * from EmployeeDetails where Mod(Empid,2)!=0;
 empid | fullname | managerid | city
-----+-----+-----+-----
    1  | Rohit    |         101 | Kolkata
    3  | Raghav   |         101 | Mumbai
```

**Q10 Write SQL query to find the 3rd highest salary from a table without using the TOP/limit keyword.**

```
postgres=# select max(salary) from EmployeeSalary where salary not in(select max(salary) from EmployeeSalary where salary not in(select max(salary) from EmployeeSalary));
max
-----
15000
(1 row)
```