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My PostgreSql is not working in my laptop so here I'm sharing my Queries for the given Question:

Creation of Table:

Create schema emp;

Set search_path to emp;

Create table employees(Empld int primary key NOT NULL, FullName varchar(20) NOT NULL, Salary real, Project text, project_count int, city text, Variable);

Insert into employees(Empld,FullName,Salary,project,project_count,city) values(101,"Virat",10000,'P3',4,'Delhi',0.25*10000),(102,"Ashu",12000,'P4',6,'Lucknow',0.25*12000), (103,"Sarthak",50000,'P1',3,'agra'.0.25*50000);

ANS1: Select Empld,FullName from employees where Empld=101;

Empld	FullName
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O/p: 101 Virat

ANS2: Select Count(*) from employees where Project='P1';

O/p: 1

ANS3: Select Max(Salary),Min(Salary),Avg(Salary) from employees;

Max	Min	Avg
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O/p: 50000, 10000, 24000

ANS4: Select Empld from employees where salary BETWEEN 10000 AND 15000;

EmpId

O/p: 101

102

ANS5: Select sum(variable) as sum_of_salary from employee;

ANS6: Create table employeesdetails(EmpId int primary key NOT NULL, FullName varchar(20) NOT NULL, Salary real, Project text, project_count int);

Create table employeeessalary(EpId int primary key NOT NULL, FullName varchar(20) NOT NULL, Salary real, Project text, project_count int, EmpId int, EpId references employeesdetail(EmpId));

Insert into employeesdetails(EmpId,FullName,Salary)
values(101,"Virat",10000,'P3',4),(102,"Ashu",12000,'P4',6),
(103,"Sarthak",50000,'P1',3);

Insert into employeeessalary(EmpId,FullName,Salary)
values(101,"Virat",10000,'P3',4),(102,"Ashu",12000,'P4',6),
(103,"Sarthak",50000,'P1',3);

Query: Select * from employeeedetails INTERSECT Select * from employeesalary;

ANS7: Select Upper(FullName) AS uppercasename AND Lower(city) AS lowercity from employees;

ANS8: Select * from employees order by project_count Desc;

ANS9: Select * from (Select *,Rownum rown from employee order by EmpId)
where MOD(Rown,2)<>0;

ANS10: Select max(salary) from employee where salary < (select max(salary) from employee where salary NOT IN (Select max(salary) from employee));

