

Sql assignment

Q1

```
8
9 select empid,fullname from EmployeeDetails where managerid=101;
10
11
12
13
14
```

	empid	fullname
1	101	varun
2	104	ram

Q2

```
10 select count(*) from EmployeeSalary where project='p1';
11
12
13
14
15
```

	count
1	2

Q3

```
10 select count(*) from EmployeeSalary where project='p1';
11 select max(salary),min(salary),avg(salary) from EmployeeSalary;
12
13
14
15
```

	max	min	avg
1	12000	8000	10000.0000000000000000

Q4

```

11 select max(salary),min(salary),avg(salary) from EmployeeSalary;
12 select empid from EmployeeSalary where salary between 10000 and 15000;
13
14
15

```

Data Output Explain Messages Notifications

	empid	integer
1	102	
2	104	

Q5

```

12 select empid from EmployeeSalary where salary between 10000 and 15000;
13 select (salary+variable) as total_salary from EmployeeSalary ;
14
15

```

Data Output Explain Messages Notifications

	total_salary	integer
1	8200	
2	18000	
3	13000	

Q6

```

select empid from EmployeeDetails where empid in (select empid from EmployeeSalary

```

Data Output Explain Messages Notifications

	empid	integer
	101	
	102	
	104	

Q7

```

15 update EmployeeDetails set fullname=UPPER(fullname),city=LOWER(city);
16 SELECT * from EmployeeDetails;
17
18
19

```

Data Output Explain Messages Notifications

	empid integer	fullname text	managerid integer	dateofjoining date	city text
1	101	VARUN	101	2022-01-13	delhi
2	102	VIPUL	103	2022-01-13	pune
3	104	RAM	101	2022-01-13	chennai

Q8

```

16 SELECT * FROM EmployeeDetails;
17 select project,count(empid) from EmployeeSalary group by(project) order by count(empid) desc;
18
19

```

Data Output Explain Messages Notifications

	project character varying (20)	count bigint
1	p1	2
2	p2	1

Q9

```

17 select project,count(empid) from EmployeeSalary group by(project)
18 select * from EmployeeSalary where mod(empid,2)<>0;
19

```

Data Output Explain Messages Notifications

	empid integer	project character varying (20)	salary integer	variable integer
1	101	p1	8000	200

Q10

```

19 SELECT Salary FROM EmployeeSalary Emp1
20 WHERE 2 = (SELECT COUNT( DISTINCT ( Emp2.Salary ) )FROM EmployeeSalary Emp2 WHERE Emp2.Salary > Emp1.Salary)
21
22
23
24

```

Data Output Explain Messages Notifications

	salary integer
1	8000