

Estudiante(s): Marco Antonio Ayala Lituma

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Tema: Rebote Semana 1

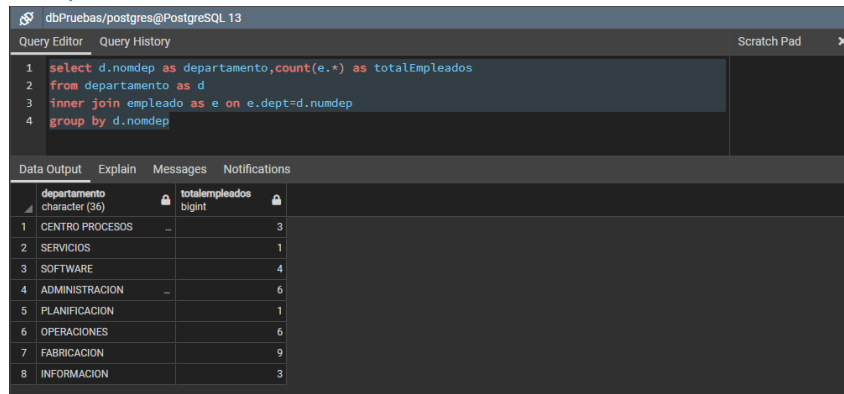
Paralelo: A

Actividad en Clase

Realizar una consulta que muestre el nombre de departamento, el total de empleados por departamento.

Query

```
select d.nomdep as departamento, count(e.*) as totalEmpleados
from departamento as d
inner join empleado as e on e.dept=d.numdep
group by d.nomdep
```



dbPruebas/postgres@PostgreSQL 13

Query Editor Query History Scratch Pad

```
1 select d.nomdep as departamento, count(e.*) as totalEmpleados
2 from departamento as d
3 inner join empleado as e on e.dept=d.numdep
4 group by d.nomdep
```

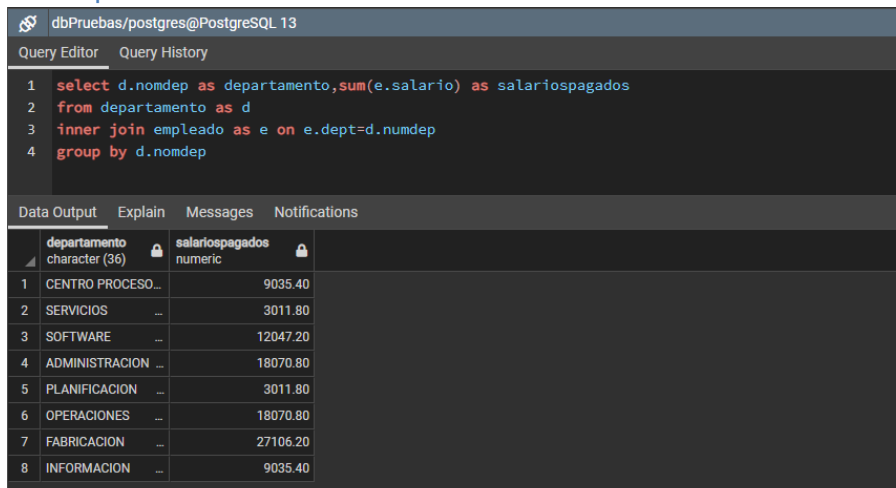
Data Output Explain Messages Notifications

	departamento character (36)		totalempleados bigint
1	CENTRO PROCESOS	3	
2	SERVICIOS	1	
3	SOFTWARE	4	
4	ADMINISTRACION	6	
5	PLANIFICACION	1	
6	OPERACIONES	6	
7	FABRICACION	9	
8	INFORMACION	3	

Realizar una consulta que muestre el nombre de departamento, el total de sueldos pagados

Query

```
select d.nomdep as departamento, sum(e.salario) as salariospagados
from departamento as d
inner join empleado as e on e.dept=d.numdep
group by d.nomdep
```



dbPruebas/postgres@PostgreSQL 13

Query Editor Query History

```
1 select d.nomdep as departamento, sum(e.salario) as salariospagados
2 from departamento as d
3 inner join empleado as e on e.dept=d.numdep
4 group by d.nomdep
```

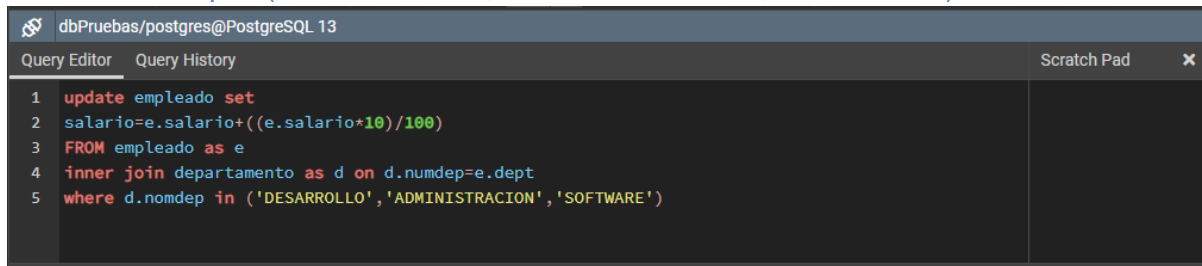
Data Output Explain Messages Notifications

	departamento character (36)		salariospagados numeric
1	CENTRO PROCESO...	9035.40	
2	SERVICIOS	3011.80	
3	SOFTWARE	12047.20	
4	ADMINISTRACION	18070.80	
5	PLANIFICACION	3011.80	
6	OPERACIONES	18070.80	
7	FABRICACION	27106.20	
8	INFORMACION	9035.40	

Actualizar los sueldos de los empleados de "DESARROLLO, SOFTWARE y ADMINISTRACION" subiendo el 10%

Query

```
update empleado set
salario=e.salario+((e.salario*10)/100)
FROM empleado as e
inner join departamento as d on d.numdep=e.dept
where d.nomdep in ('DESARROLLO','ADMINISTRACION','SOFTWARE')
```



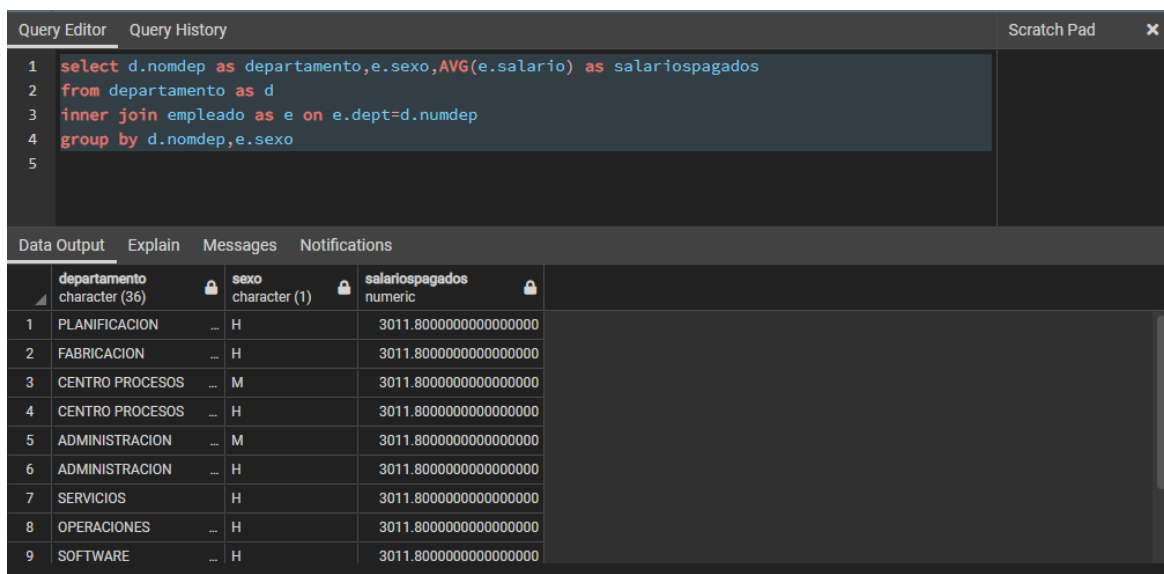
The screenshot shows a PostgreSQL Query Editor window with the following SQL query:

```
1 update empleado set
2 salario=e.salario+((e.salario*10)/100)
3 FROM empleado as e
4 inner join departamento as d on d.numdep=e.dept
5 where d.nomdep in ('DESARROLLO','ADMINISTRACION','SOFTWARE')
```

Realizar una consulta que muestre el nombre de departamento, el género y el promedio de sueldos pagados

Query

```
select d.nomdep as departamento,e.sexo,AVG(e.salario) as salariospagados
from departamento as d
inner join empleado as e on e.dept=d.numdep
group by d.nomdep,e.sexo
```



The screenshot shows a PostgreSQL Query Editor window with the following SQL query:

```
1 select d.nomdep as departamento,e.sexo,AVG(e.salario) as salariospagados
2 from departamento as d
3 inner join empleado as e on e.dept=d.numdep
4 group by d.nomdep,e.sexo
5
```

Below the query editor, the "Data Output" tab is selected, showing the following table:

	departamento character (36)	sexo character (1)	salariospagados numeric
1	PLANIFICACION	H	3011.8000000000000000
2	FABRICACION	H	3011.8000000000000000
3	CENTRO PROCESOS	M	3011.8000000000000000
4	CENTRO PROCESOS	H	3011.8000000000000000
5	ADMINISTRACION	M	3011.8000000000000000
6	ADMINISTRACION	H	3011.8000000000000000
7	SERVICIOS	H	3011.8000000000000000
8	OPERACIONES	H	3011.8000000000000000
9	SOFTWARE	H	3011.8000000000000000