



Ingeniería en Sistemas
Computacionales



INSTITUTO TECNOLÓGICO SUPERIOR DE JEREZ
JEREZ DE GARCÍA SALINAS A 27 DE SEPTIEMBRE DEL 2019

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CARRERA:
INGENIERÍA EN SISTEMAS COMPUTACIONALES

NOMBRE DE LA MATERIA:
TALLER DE BASES DE DATOS

QUINTO SEMESTRE

TEMA 2 - LENGUAJE DE MANIPULACIÓN DE DATOS

“ACTIVIDAD 1 - EJERCICIOS SQL [CONSULTAS SIMPLES]”

DOCENTE:
SALVADOR ACEVEDO SANDOVAL

1. Mostrar las sucursales ubicadas en Londres

```
Simbolo del sistema - mysql -u root -p
mysql> show tables;
+-----+
| Tables_in_bd_dreamhome |
+-----+
| branch                    |
| client                    |
| privateowner              |
| propertyforrent            |
| registration              |
| staff                     |
| viewing                   |
+-----+
7 rows in set (0.00 sec)

mysql> select * from branch;
+-----+
| BranchNo | Street      | City    | Postcode |
+-----+
| B002     | 56 Clover Dr | London  | NW10 6EU |
| B003     | 163 Main St  | Glasgow | G11 9QX  |
| B004     | 32 Manse Rd  | Bristol | BS99 1NZ  |
| B005     | 22 Deer Rd   | London  | SW1 4EH  |
| B007     | 16 Argyll St | Aberdeen | AB2 3SU  |
+-----+
5 rows in set (0.00 sec)

mysql> SELECT * FROM Branch WHERE City='London';
+-----+
| BranchNo | Street      | City    | Postcode |
+-----+
| B002     | 56 Clover Dr | London  | NW10 6EU |
| B005     | 22 Deer Rd   | London  | SW1 4EH  |
+-----+
2 rows in set (0.00 sec)
```

2. Mostrar los datos de la sucursal B003

```
mysql> SELECT * FROM Branch WHERE BranchNo='B003';
+-----+
| BranchNo | Street      | City    | Postcode |
+-----+
| B003     | 163 Main St  | Glasgow | G11 9QX  |
+-----+
1 row in set (0.00 sec)

mysql>
```

3. Mostrar Nombre, Apellido y salario de las mujeres

```
Simbolo del sistema - mysql -u root -p
mysql> SELECT * FROM Staff;
+-----+
| StaffNo | fName | lName | Position | sex | DOB      | Salary | BranchNo |
+-----+
| SA9     | Mary  | Howe  | Assistant | F   | 19-Feb-70 | 9000.00 | B007     |
| SG14    | David | Ford  | Supervisor | M   | 24-Mar-58 | 18000.00 | B003     |
| SG37    | Ann   | Beech | Assistant | F   | 10-Nov-60 | 12000.00 | B003     |
| SG5     | Susan | Brand | Manager   | F   | 3-Jun-40  | 24000.00 | B003     |
| SL21    | John  | White | Manager   | M   | 1-Oct-45  | 30000.00 | B005     |
| SL41    | Julie | Lee   | Assistant | F   | 13-Jun-65 | 9000.00  | B005     |
+-----+
6 rows in set (0.16 sec)

mysql> SELECT fName,lName,Salary FROM Staff WHERE sex='F';
+-----+
| fName | lName | Salary |
+-----+
| Mary  | Howe  | 9000.00 |
| Ann   | Beech | 12000.00 |
| Susan | Brand | 24000.00 |
| Julie | Lee   | 9000.00 |
+-----+
4 rows in set (0.00 sec)
```

4. Mostrar Calle, ciudad, Tipo y numero de propiedad de las propiedades que sean casas

```
mysql> SELECT street,city,type,propertyNo FROM propertyforrent WHERE type='House';
+-----+
| street | city    | type | propertyNo |
+-----+
| 16 Holhead | Aberdeen | House | PA14      |
| 18 Dale Rd | Glasgow | House | PG21      |
+-----+
```

5. Mostrar Ciudad, cantidad de habitaciones y precio de renta de las propiedades ubicadas en Glasgow

```
Simbolo del sistema - mysql -u root -p
2 rows in set (0.00 sec)

mysql> SELECT city,rooms,rent FROM propertyforrent WHERE city='glasgow';
+-----+
| city | rooms | rent |
+-----+
| Glasgow | 4 | 450.00 |
| Glasgow | 5 | 600.00 |
| Glasgow | 3 | 375.00 |
| Glasgow | 3 | 350.00 |
+-----+
4 rows in set (0.00 sec)
```

6. Mostrar todos los empleados que no sean Supervisores

```
mysql> SELECT * FROM Staff WHERE position!= 'supervisor';
```

StaffNo	fName	lName	Position	sex	DOB	Salary	BranchNo
SA9	Mary	Howe	Assistant	F	19-Feb-70	9000.00	0007
SG37	Ann	Beech	Assistant	F	10-Nov-60	12000.00	0003
SG5	Susan	Brand	Manager	F	3-Jun-40	24000.00	0003
SL21	John	White	Manager	M	1-Oct-45	30000.00	0005
SL41	Julie	Lee	Assistant	F	13-Jun-65	9000.00	0005

```
5 rows in set (0.00 sec)
```

7. Crear una lista con el salario diario de todos los empleados

```
mysql> SELECT salary FROM Staff;
```

salary
9000.00
18000.00
12000.00
24000.00
30000.00
9000.00

```
6 rows in set (0.00 sec)
```

```
mysql>
```

```
mysql> SELECT (salary/31) FROM Staff;
```

(salary/31)
290.322581
580.645161
387.096774
774.193548
967.741935
290.322581

```
6 rows in set (0.00 sec)
```

8. Mostrar una lista con los salarios de todos los empleados aumentado un 8.04%

```
mysql> SELECT ((salary*0.0804)+salary) FROM Staff;
```

((salary*0.0804)+salary)
9723.600000
19447.200000
12964.800000
25920.600000
32412.000000
9723.600000

```
6 rows in set (0.10 sec)
```

9. Mostrar una lista con los salarios de todos los empleados que sean asistentes aumentados un 8%

```
mysql> SELECT ((salary*0.08)+salary) FROM Staff WHERE position='Assistant';
```

((salary*0.08)+salary)
9720.0000
12960.0000
9720.0000

```
3 rows in set (0.00 sec)
```

10. Mostrar una lista con los salarios de las mujeres decrementado un 9.07%

```
mysql> SELECT (salary-(salary*0.0907)) FROM Staff WHERE sex='F';
```

(salary-(salary*0.0907))
8183.700000
10911.600000
21823.200000
8183.700000

```
4 rows in set (0.01 sec)
```

```
mysql>
```