



TECNOLÓGICO  
NACIONAL DE MÉXICO



# Instituto Tecnológico Superior de Jerez – ITSJ

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5to Semestre Carrera: Ingeniería en sistemas  
computacionales (ISC).

Materia: Taller de Base De Datos.

Actividad: Consultas DreamHome MySQL y SQL  
Server.

Docente: I.S.C. Salvador Acevedo Sandoval

Jerez de García Salinas Zacatecas

## Consulta en MySQL:

1.- Mostrar las sucursales ubicadas en Londres:

SELECT branchNo FROM Branch WHERE city = 'London';

```
Database changed
mysql> SELECT branchNo FROM Branch WHERE city = 'London';
+-----+
| branchNo |
+-----+
| B002     |
| B005     |
+-----+
2 rows in set (0.02 sec)
```

2.- Mostrar los datos de la sucursal B003:

SELECT \* FROM PropertyForRent WHERE BranchNo = 'B003';

```
mysql> SELECT * FROM PropertyForRent WHERE BranchNo = 'B003';
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| propertyNo | street | city | postcode | type | rooms | rent | ownerNo | staffNo | branchNo |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| PG16       | 5 Novar Dr | Glasgow | G12 9AX | Flat | 4 | 450 | C093 | SG14 | B003 |
| PG21       | 18 Dale Rd | Glasgow | G12     | House | 5 | 600 | C087 | SG37 | B003 |
| PG36       | 2 Manor Rd | Glasgow | G32 4QX | Flat | 3 | 375 | C093 | SG37 | B003 |
| PG4        | 6 Lawrance St | Glasgow | G11 9QX | Flat | 3 | 350 | C040 | SL41 | B003 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.04 sec)
```

3.- Mostrar Nombre, Apellido y salario de las mujeres:

SELECT fName, lName, salary FROM Staff Where sex = 'F';

```
mysql> SELECT fName, lName, salary FROM Staff Where sex = 'F';
+-----+-----+-----+
| fName | lName | salary |
+-----+-----+-----+
| Mary  | Howe  | 9000   |
| Ann   | Beech | 12000  |
| Susan | Brand | 24000  |
| Julie | Lee   | 9000   |
+-----+-----+-----+
4 rows in set (0.11 sec)
```

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

SELECT street, city, type, postcode FROM PropertyForRent Where type = 'House'

```
mysql> SELECT street, city, type, postcode FROM PropertyForRent Where type = 'House';
+-----+-----+-----+-----+
| street | city | type | postcode |
+-----+-----+-----+-----+
| 16 Holhead | Aberdeen | House | AB7 5SU |
| 18 Dale Rd | Glasgow | House | G12     |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

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

SELECT city, rooms, rent FROM PropertyForRent Where city = 'Glasgow';

```
mysql> SELECT city, rooms, rent FROM PropertyForRent Where city = 'Glasgow';
+-----+-----+-----+
| city | rooms | rent |
+-----+-----+-----+
| Glasgow | 4 | 450 |
| Glasgow | 5 | 600 |
| Glasgow | 3 | 375 |
| Glasgow | 3 | 350 |
+-----+-----+-----+
4 rows in set (0.00 sec)
```

6.- Mostrar todos los empleados que no sean Supervisores:

SELECT \* FROM Staff Where Position != 'Supervisor';

```
mysql> SELECT * FROM Staff Where Position != 'Supervisor';
+-----+-----+-----+-----+-----+-----+-----+-----+
| staffNo | fName | lName | position | sex | DOB | salary | branchNo |
+-----+-----+-----+-----+-----+-----+-----+-----+
| SA9 | Mary | Howe | Assistant | F | 19-Feb-70 | 9000 | 8007 |
| SG37 | Ann | Beech | Assistant | F | 10-Nov-60 | 12000 | 8003 |
| SG5 | Susan | Brand | Manager | F | 3-Jun-40 | 24000 | 8003 |
| SL21 | John | White | Manager | M | 1-Oct-45 | 30000 | 8005 |
| SL41 | Julie | Lee | Assistant | F | 13-Jun-65 | 9000 | 8005 |
+-----+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

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

SELECT salary AS Salario\_De\_Empleados FROM Staff;

```
mysql> SELECT salary AS Salario_De_Empleados FROM Staff;
+-----+
| Salario_De_Empleados |
+-----+
| 9000 |
| 18000 |
| 12000 |
| 24000 |
| 30000 |
| 9000 |
+-----+
6 rows in set (0.00 sec)
```

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

SELECT (salary) \* 1.0804 Salario\_De\_Empleados\_Con\_Incremento\_De\_8.04 FROM Staff;

```
mysql> SELECT (salary) * 1.0804 Salario_De_Empleados_Con_Incremento_De_8.04 FROM Staff;
+-----+
| Salario_De_Empleados_Con_Incremento_De_8.04 |
+-----+
| 9723.6000 |
| 19447.2000 |
| 12964.8000 |
| 25929.6000 |
| 32412.0000 |
| 9723.6000 |
+-----+
6 rows in set (0.00 sec)

mysql>
```

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

SELECT(salary) \* 1.08 AS Salarios\_Ccon\_8\_Porciento\_De\_Incremento From Staff Where position = 'Assistant';

```
mysql> SELECT(salary) * 1.08 AS Salarios_Ccon_8_Porciento_De_Incremento From Staff Where position = 'Assistant';
+-----+
| Salarios_Ccon_8_Porciento_De_Incremento |
+-----+
| 9720.00 |
| 12960.00 |
| 9720.00 |
+-----+
3 rows in set (0.00 sec)

mysql>
```

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

SELECT(salary) \* 0.9093 AS Salario\_De\_Mujeres\_Decrementado From Staff Where sex = 'F'

## Consultas SQL Server:

1.- Mostrar las sucursales ubicadas en Londres:

```
SELECT branchNo FROM Branch WHERE city = 'London';
```

```
C:\Users\mabg>sqlcmd
1> use Dreamhome
2> go
Changed database context to 'DreamHome'.
1> SELECT * FROM Branch WHERE city = 'London';
2> go
branchNo  street                                city                                postcode
-----
B002      56 Clover Dr                          London                             NW10 6EU
B005      22 Deer Rd                           London                             SW1 4EH
(2 rows affected)
```

2.- Mostrar los datos de la sucursal B003:

```
SELECT * FROM PropertyForRent WHERE BranchNo = 'B003';
```

```
1> SELECT * FROM PropertyForRent WHERE BranchNo = 'B003'
2> go
propertyNo street                                city                                postcode  type      rooms  rent  ownerNo staffNo branchNo
-----
PG16      5 Novar Dr                          Glasgow                             G12 9AX   Flat      4      450  C093   SG14   B003
PG21      18 Dale Rd                         Glasgow                             G12      House     5      600  C087   SG37   B003
PG36      2 Manor Rd                         Glasgow                             G32 4QX   Flat      3      375  C093   SG37   B003
PG4       6 Lawrance St                      Glasgow                             G11 9QX   Flat      3      350  C040   SL41   B003
(4 rows affected)
```

3.- Mostrar Nombre, Apellido y salario de las mujeres:

```
SELECT fName, lName, salary FROM Staff Where sex = 'F';
```

```
1> SELECT fName, lName, salary FROM Staff Where sex = 'F'
2> go
fName      lName      salary
-----
Mary       Howe       9000
Ann        Beech      12000
Susan      Brand      24000
Julie      Lee        9000
(4 rows affected)
```

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

```
SELECT street, city, type, postcode FROM PropertyForRent Where type = 'House'
```

```
1> SELECT street, city, type, postcode FROM PropertyForRent Where type = 'House'
2> go
street      city      type      postcode
-----
16 Holhead  Aberdeen  House     AB7 5SU
18 Dale Rd  Glasgow   House     G12
(2 rows affected)
```

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

SELECT city, rooms, rent FROM PropertyForRent Where city = 'Glasgow';

```
(4 rows affected)
1> SELECT city, rooms, rent FROM PropertyForRent Where city = 'Glasgow'
2> go
city
-----
Glasgow      4    450
Glasgow      5    600
Glasgow      3    375
Glasgow      3    350
(4 rows affected)
```

6.- Mostrar todos los empleados que no sean Supervisores:

SELECT \* FROM Staff Where Position != 'Supervisor';

```
1> SELECT * FROM Staff Where Position != 'Supervisor'
2> go
staffNo fName      lName      position      sex DOB      salary branchNo
-----
SA9      Mary      Howe      Assistant      F 19-Feb-70      9000 B007
SG37     Ann      Beech      Assistant      F 10-Nov-60      12000 B003
SG5      Susan     Brand      Manager        F 3-Jun-40       24000 B003
SL21     John     White      Manager        M 1-Oct-45       30000 B005
SL41     Julie     Lee       Assistant      F 13-Jun-65       9000 B005
(5 rows affected)
```

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

SELECT (salary) \* 1.0804 Salario\_De\_Empleados\_Con\_IVA\_De\_8.04 FROM Staff

```
incorrect syntax near '1.0804'
1> SELECT (salary) * 1.0804 Salario_De_Empleados_Con_IVA_De_8.04 FROM Staff
2> go
Salario_De_Empleados_Con_IVA_De_8.04
-----
          9723.6000
        19447.2000
        12964.8000
        25929.6000
        32412.0000
          9723.6000
(6 rows affected)
```

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

SELECT(salary) \* 1.08 AS Salarios\_Ccon\_8\_Porciento\_De\_IVA From Staff Where position = 'Assistant'

```
1> SELECT(salary) * 1.08 AS Salarios_Ccon_8_Porciento_De_IVA From Staff Where position = 'Assistant'
2> go
Salarios_Ccon_8_Porciento_De_IVA
-----
          9720.00
        12960.00
          9720.00
(3 rows affected)
```

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

SELECT(salary) \* 1.0907 AS Salario\_De\_Mujeres\_Decrementado From Staff Where sex = 'F'