



INSTITUTO TECNOLÓGICO SUPERIOR DE JEREZ



INGENIERÍA EN SISTEMAS COMPUTACIONALES

TALLER DE BASES DE DATOS

9° SEMESTRE

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“EJERCICIOS SQL [CONSULTAS MULTITABLA/JOIN]”

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SQL

```
mysql> SELECT FName, LName, Comment
-> FROM Client c, Viewing v
-> WHERE c.ClientNo = v.ClientNo;
+-----+-----+-----+
| FName | LName  | Comment      |
+-----+-----+-----+
| Aline  | Stewart | too small    |
| John   | Kay     | too remote   |
| Aline  | Stewart |              |
| Mary   | Tregear | no dining room |
| Aline  | Stewart |              |
+-----+-----+-----+
5 rows in set (0.03 sec)
```

```
mysql> SELECT FName, LName
-> FROM Staff s, PropertyForRent pfr
-> WHERE s.StaffNo = pfr.StaffNo;
+-----+-----+
| FName | LName |
+-----+-----+
| Mary   | Howe  |
| David  | Ford  |
| Ann    | Beech |
| Ann    | Beech |
| Julie  | Lee   |
+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> SELECT FName, LName, Comment
-> FROM Client c, Viewing v
-> WHERE c.ClientNo = v.ClientNo AND Comment != "";
+-----+-----+-----+
| FName | LName  | Comment      |
+-----+-----+-----+
| Aline  | Stewart | too small    |
| John   | Kay     | too remote   |
| Mary   | Tregear | no dining room |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> SELECT FName, LName, Type, Rent
-> FROM Staff s, PropertyForRent pfr
-> WHERE s.StaffNo = pfr.StaffNo;
```

FName	LName	Type	Rent
Mary	Howe	House	650
David	Ford	Flat	450
Ann	Beech	House	600
Ann	Beech	Flat	375
Julie	Lee	Flat	400

5 rows in set (0.00 sec)

```
mysql> SELECT FName, Type, Rent
-> FROM PrivateOwner po, PropertyForRent pfr
-> WHERE po.OwnerNo = pfr.OwnerNo;
```

FName	Type	Rent
Joe	House	650
Tony	Flat	450
Carol	House	600
Tony	Flat	375
Tina	Flat	350
Carol	Flat	400

6 rows in set (0.03 sec)

```
mysql> SELECT FName, LName, DateJoined
-> FROM Staff s, Registration r
-> WHERE s.StaffNo = r.StaffNo;
```

FName	LName	DateJoined
Julie	Lee	2004-01-02
Ann	Beech	2003-04-11
Ann	Beech	2002-11-16
Mary	Howe	2003-03-07

4 rows in set (0.00 sec)

```
mysql> SELECT pfr.StaffNo, FName, pfr.BranchNo
-> FROM Staff s, PropertyForRent pfr
-> WHERE pfr.StaffNo = s.StaffNo;
```

StaffNo	FName	BranchNo
SA9	Mary	B007
SG14	David	B003
SG37	Ann	B003
SG37	Ann	B003
SL41	Julie	B005

5 rows in set (0.00 sec)

Empresa

```
mysql> SELECT Nombre, Apellido1, Apellido2, Sueldo, SUM(Horas)
-> FROM Empleado e INNER JOIN Trabaja_En te
-> ON e.DNI = te.DniEmpleado GROUP BY e.DNI;
```

Nombre	Apellido1	Apellido2	Sueldo	SUM(Horas)
José	Pérez	Pérez	30000	40.00
Alberto	Campos	Sastre	40000	40.00
Aurora	Oliva	Avezuela	25000	40.00
Fernando	Ojeda	Ordóñez	38000	40.00
Eduardo	Ochoa	Paredes	55000	NULL
Juana	Sainz	Oreja	43000	35.00
Luis	Pajares	Morena	25000	40.00
Alicia	Jiménez	Celaya	25000	40.00

8 rows in set (0.24 sec)

```
mysql> SELECT Nombre, Apellido1, Apellido2, NombSubordinado AS Familiar
-> FROM Empleado e INNER JOIN Subordinado sub
-> ON e.DNI = sub.DniEmpleado;
```

Nombre	Apellido1	Apellido2	Familiar
José	Pérez	Pérez	Alicia
José	Pérez	Pérez	Elisa
José	Pérez	Pérez	Miguel
Alberto	Campos	Sastre	Alicia
Alberto	Campos	Sastre	Luisa
Alberto	Campos	Sastre	Teodoro
Juana	Sainz	Oreja	Alfonso

7 rows in set (0.05 sec)

```
mysql> SELECT NombreProyecto, UbicacionDpto  
-> FROM Proyecto p INNER JOIN Localizaciones_Dpto d  
-> ON p.NumeroDptoProyecto = d.NumeroDpto;
```

NombreProyecto	UbicacionDpto
ProductoX	Madrid
ProductoX	Sevilla
ProductoX	Valencia
Computación	Gijón
ProductoY	Madrid
ProductoY	Sevilla
ProductoY	Valencia
Reorganización	Madrid
ProductoZ	Madrid
ProductoZ	Sevilla
ProductoZ	Valencia
Comunicaciones	Gijón

```
12 rows in set (0.15 sec)
```

```
mysql> SELECT Nombre, NumProy
-> FROM Empleado e INNER JOIN Trabaja_En te
-> ON e.DNI = te.DniEmpleado;
```

Nombre	NumProy
José	1
José	2
Alberto	10
Alberto	2
Alberto	20
Alberto	3
Aurora	1
Aurora	2
Fernando	3
Eduardo	20
Juana	20
Juana	30
Luis	10
Luis	30
Alicia	10
Alicia	30

16 rows in set (0.00 sec)

```
mysql> SELECT Nombre AS Jefe, NombSubordinado
-> FROM Subordinado s INNER JOIN Empleado e
-> ON s.DniEmpleado = e.DNI;
```

Jefe	NombSubordinado
José	Alicia
José	Elisa
José	Miguel
Alberto	Alicia
Alberto	Luisa
Alberto	Teodoro
Juana	Alfonso

7 rows in set (0.00 sec)

```
db2 => SELECT FName, LName, Comment FROM Client c, Viewing v WHERE c.ClientNo = v.ClientNo
```

FNAME	LNAME	COMMENT
John	Kay	too remote
Aline	Stewart	too small
Aline	Stewart	
Aline	Stewart	
Mary	Tregear	no dining room

5 registro(s) seleccionado(s).

```
db2 => SELECT FName, LName FROM Staff s, PropertyForRent pfr WHERE s.StaffNo = pfr.StaffNo
```

FNAME	LNAME
Ann	Beech
Ann	Beech
David	Ford
Mary	Howe
Julie	Lee

5 registro(s) seleccionado(s).

```
db2 => SELECT FName, LName, Comment FROM Client c, Viewing v WHERE c.ClientNo = v.ClientNo AND Comment NOT LIKE ''
```

FNAME	LNAME	COMMENT
John	Kay	too remote
Aline	Stewart	too small
Mary	Tregear	no dining room

3 registro(s) seleccionado(s).

```
db2 => SELECT FName, LName, Type, Rent FROM Staff s, PropertyForRent pfr WHERE s.StaffNo = pfr.StaffNo
```

FNAME	LNAME	TYPE	RENT
Ann	Beech	Flat	375,
Ann	Beech	House	600,
David	Ford	Flat	450,
Mary	Howe	House	650,
Julie	Lee	Flat	400,

5 registro(s) seleccionado(s).

```
db2 => SELECT FName, Type, Rent FROM PrivateOwner po, PropertyForRent pfr WHERE po.OwnerNo = pfr.OwnerNo
```

FNAME	TYPE	RENT
Joe	House	650,
Carol	Flat	400,
Tina	Flat	350,
Tony	Flat	375,
Carol	House	600,
Tony	Flat	450,

6 registro(s) seleccionado(s).

```
db2 => SELECT FName, LName, DateJoined FROM Staff s, Registration r WHERE s.StaffNo = r.StaffNo
```

FNAME	LNAME	DATEJOINED
Ann	Beech	11/04/2003
Ann	Beech	16/11/2002
Mary	Howe	07/03/2003
Julie	Lee	02/01/2004

4 registro(s) seleccionado(s).

```
db2 => SELECT pfr.StaffNo, FName, pfr.BranchNo FROM Staff s, PropertyForRent pfr WHERE pfr.StaffNo = s.StaffNo
```

STAFFNO	FNAME	BRANCHNO
SG37	Ann	B003
SG37	Ann	B003
SG14	David	B003
SA9	Mary	B007
SL41	Julie	B005

```
5 registro(s) seleccionado(s).
```