

UNIVERSIDAD INTERAMERICANA DE PANAMÁ

FACULTAD DE INGENIERIA

BASES DE DATOS II

TALLER VISTAS SQL

ESTUDIANTE:

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FECHA DE ENTREGA:

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Taller - Vista SQL - Reposición de clase

PARTE EN CLASE:

Realizar una BD de Proveedores, Partes y Taller. - 15%

Donde un proveedor tiene: Id, Nombre, Status y Ciudad.

Las partes tienen: Número de parte, Nombre, Color, Peso, Precio y Cuidad.

El taller lleva a cabo el movimiento de las partes utilizadas. Cuenta con: un proveedor, las partes a utilizar y las cantidades utilizadas. - 15%

Realizar 5 reportes (Vistas) usando, por lo menos, 1 debes tener información de ambas tablas - 40%

V	V#	PROVEEDOR	STATUS	CIUDAD	VPY	V#	P#	Y#	CANT
	V1	Smith	20	Londres		V1	P1	Y1	200
	V2	Jones	10	Paris		V1	P1	Y4	700
	V3	Blake	30	Paris		V2	P3	Y1	400
	V4	Clark	20	Londres		V2	P3	Y2	200
	V5	Adams	30	Atenas		V2	P3	Y3	200
						V2	P3	Y4	500
						V2	P3	Y5	600
						V2	P3	Y6	400
						V2	P3	Y7	800
						V2	P5	Y2	100
						V3	P3	Y1	200
						V3	P4	Y2	500
						V4	P6	Y3	300
						V4	P6	Y7	300
						V5	P2	Y2	200
						V5	P2	Y4	100
						V5	P5	Y5	500
						V5	P5	Y7	100
						V5	P6	Y2	200
						V5	P1	Y4	100
						V5	P3	Y4	200
						V5	P4	Y4	800
						V5	P5	Y4	400
						V5	P6	Y4	500

P	P#	PARTE	COLOR	PESO	CIUDAD
	P1	Tuerca	Rojo	12.0	Londres
	P2	Perno	Verde	17.0	Paris
	P3	Tornillo	Azul	17.0	Roma
	P4	Tornillo	Rojo	14.0	Londres
	P5	Leva	Azul	12.0	Paris
	P6	Engrane	Rojo	19.0	Londres

Y	Y#	PROYECTO	CIUDAD
	Y1	Clasificador	Paris
	Y2	Monitor	Roma
	Y3	OCR	Atenas
	Y4	Consola	Atenas
	Y5	RAID	Londres
	Y6	EDS	Oslo
	Y7	Cinta	Londres

Entrega:

Copia de base de datos - 10%

Capturas de cada de los procesos (Sentencia SQL y resultado) - 15%

Documento con el detalle de los reportes - 5%

Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 13
Server version: 8.3.0 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> SHOW DATABASES;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
| taller |
+-----+
5 rows in set (0.00 sec)
```

```
mysql> use taller;
Database changed
mysql> CREATE TABLE PROVEEDOR (
  -> ID VARCHAR(10) NOT NULL PRIMARY KEY,
  -> NOMBRE VARCHAR(50),
  -> STATUS VARCHAR(20),
  -> PESO FLOAT(10,2),
  -> PRECIO FLOAT(10,2),
  -> CIUDAD VARCHAR(50));
Query OK, 0 rows affected, 2 warnings (0.03 sec)
```

```
mysql> DESCRIBE PROVEEDOR;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| ID     | varchar(10)   | NO   | PRI | NULL    |       |
| NOMBRE | varchar(50)   | YES  |     | NULL    |       |
| STATUS | varchar(20)   | YES  |     | NULL    |       |
| PESO   | float(10,2)   | YES  |     | NULL    |       |
```

```

| CIUDAD | varchar(50)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```

```
mysql> CREATE TABLE PARTES(
  -> CODE INT NOT NULL PRIMARY KEY,
  -> NAME VARCHAR(50),
  -> COLOR VARCHAR(50),
  -> PESO FLOAT(10,2),
  -> PRECIO FLOAT(10,2),
  -> CIUDAD VARCHAR(50));
Query OK, 0 rows affected, 2 warnings (0.03 sec)
```

```
mysql> ALTER TABLE PROVEEDOR
  -> DROP COLUMN PESO;
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> ALTER TABLE PROVEEDOR
  -> DROP COLUMN PRECIO;
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> DESCRIBE PROVEEDOR;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| ID     | varchar(10)   | NO   | PRI | NULL    |       |
| NOMBRE | varchar(50)   | YES  |     | NULL    |       |
| STATUS | varchar(20)   | YES  |     | NULL    |       |
| CIUDAD | varchar(50)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> DESCRIBE PARTES;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| CODE  | int           | NO   | PRI | NULL    |       |
| NAME  | varchar(50)   | YES  |     | NULL    |       |
| COLOR | varchar(50)   | YES  |     | NULL    |       |
| PESO  | float(10,2)   | YES  |     | NULL    |       |
| PRECIO | float(10,2)  | YES  |     | NULL    |       |
| CIUDAD | varchar(50)  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
```

```
6 rows in set (0.00 sec)

mysql> CREATE TABLE TALLER(
  -> Y# VARCHAR(10) NOT NULL PRIMARY KEY,
  -> PROYECTO VARCHAR(50),
  -> CIUDAD VARCHAR(50));
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'PROYECTO VARC
HAR(50),
CIUDAD VARCHAR(50))' at line 3
mysql> CREATE TABLE TALLER(
  -> 'Y#' VARCHAR(10) NOT NULL PRIMARY KEY,
  -> PROYECTO VARCHAR(50),
  -> CIUDAD VARCHAR(50));
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near ''Y#' VARCHAR(
10) NOT NULL PRIMARY KEY,
PROYECTO VARCHAR(50),
CIUDAD VARCHAR(50))' at line 2
mysql> CREATE TABLE TALLER(
  -> CODE VARCHAR(10) NOT NULL PRIMARY KEY,
  -> PROYECTO VARCHAR(50),
  -> CIUDAD VARCHAR(50));
Query OK, 0 rows affected (0.03 sec)

mysql> ALTER TABLE PARTES
  -> DROP COLUMN CODE
  -> ADD COLUMN CODE VARCHAR(50);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'ADD COLUMN CO
DE VARCHAR(50)' at line 3
mysql> ALTER TABLE PARTES
  -> DROP COLUMN CODE;
Query OK, 0 rows affected (0.07 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> DESCRIBE PARTES;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| NAME  | varchar(50)   | YES  |     | NULL    |       |
| COLOR | varchar(50)   | YES  |     | NULL    |       |
| PESO  | float(10,2)   | YES  |     | NULL    |       |
| PRECIO | float(10,2)   | YES  |     | NULL    |       |
| CIUDAD | varchar(50)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql> ALTER TABLE PARTES
  -> ADD COLUMN CODE VARCHAR(50);
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> DESCRIBE PARTES;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| NAME  | varchar(50)   | YES  |     | NULL    |       |
| COLOR | varchar(50)   | YES  |     | NULL    |       |
| PESO  | float(10,2)   | YES  |     | NULL    |       |
| PRECIO | float(10,2)   | YES  |     | NULL    |       |
| CIUDAD | varchar(50)   | YES  |     | NULL    |       |
| CODE  | varchar(50)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql> ALTER TABLE PARTES
  -> CODE NOT NUT PRIMARY KEY;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'CODE NOT NUT
PRIMARY KEY' at line 2
mysql> ALTER TABLE
  -> DROP COLUMN CODE;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'DROP COLUMN C
ODE' at line 2
mysql> ALTER TABLE PARTES
  -> DROP COLUMN CODE;
Query OK, 0 rows affected (0.03 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> ALTER TABLE PARTES
  -> ADD COLUMN CODE VARCHAR(50) NOT NULL PRIMARY KEY;
Query OK, 0 rows affected (0.06 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> DESCRIBE PARTES;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| NAME  | varchar(50)   | YES  |     | NULL    |       |
| COLOR | varchar(50)   | YES  |     | NULL    |       |
| PESO  | float(10,2)   | YES  |     | NULL    |       |
| PRECIO | float(10,2)   | YES  |     | NULL    |       |
| CIUDAD | varchar(50)   | YES  |     | NULL    |       |
| CODE  | varchar(50)   | NO   | PRI | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql> CREATE TABLE VPY(
-> ;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '' at line 1
mysql> DROP TABLE PARTES;
Query OK, 0 rows affected (0.03 sec)

mysql> CREATE TABLE PARTES(
-> CODE VARCHAR(10) NOT NULL PRIMARY KEY,
-> PARTE VARCHAR(50),
-> COLOR VARCHAR(50),
-> PESO FLOAT(10,2),
-> PRECIO FLOAT(10,2),
-> CIUDAD VARCHAR(50));
Query OK, 0 rows affected, 2 warnings (0.03 sec)

mysql> CREATE TABLE VPY(
-> Y VARCHAR(10) REFERENCES PROVEEDOR(ID),
-> P VARCHAR(10) REFERENCES PARTES(CODE),
-> ;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'REFERENTES PR
OVEEDOR(ID),
P VARCHAR(10) REFERENCES PARTES(CODE),' at line 2
mysql> SHOW TABLES;
+-----+
| Tables_in_taller |
+-----+
| partes           |
| proveedor        |
| taller           |
+-----+
3 rows in set (0.00 sec)

mysql> DESCRIBE TALLER;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| CODE  | varchar(10)   | NO   | PRI | NULL    |       |
| PROYECTO | varchar(50)   | YES  |     | NULL    |       |
| CIUDAD | varchar(50)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> CREATE TABLE VPY(
-> Y VARCHAR(10) REFERENCES PROVEEDOR(ID),
-> P VARCHAR(10) REFERENCES PARTES(CODE),
-> Y VARCHAR(10) REFERENCES TALLER(CODE));
ERROR 1060 (42S21): Duplicate column name 'Y'
mysql> CREATE TABLE VPY(
-> Y VARCHAR(10) REFERENCES PROVEEDOR(ID),
-> P VARCHAR(10) REFERENCES PARTES(CODE),
-> Y VARCHAR(10) REFERENCES TALLER(CODE));
ERROR 1060 (42S21): Duplicate column name 'Y'
mysql> CREATE TABLE VPY(
-> V VARCHAR(10) REFERENCES PROVEEDOR(ID),
-> P VARCHAR(10) REFERENCES PARTES(CODE),
-> Y VARCHAR(10) REFERENCES TALLER(CODE));
Query OK, 0 rows affected (0.03 sec)

mysql> #no habia visto la Y
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> describe proveedor;
```

Field	Type	Null	Key	Default	Extra
ID	varchar(10)	NO	PRI	NULL	
NOMBRE	varchar(50)	YES		NULL	
STATUS	varchar(20)	YES		NULL	
CIUDAD	varchar(50)	YES		NULL	

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

```
mysql> describe partes;
```

Field	Type	Null	Key	Default	Extra
CODE	varchar(10)	NO	PRI	NULL	
PARTE	varchar(50)	YES		NULL	
COLOR	varchar(50)	YES		NULL	
PESO	float(10,2)	YES		NULL	
PRECIO	float(10,2)	YES		NULL	
CIUDAD	varchar(50)	YES		NULL	

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

```
mysql> describe taller;
```

Field	Type	Null	Key	Default	Extra
CODE	varchar(10)	NO	PRI	NULL	
PROYECTO	varchar(50)	YES		NULL	
CIUDAD	varchar(50)	YES		NULL	

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

```
mysql> describe vpy;
```

Field	Type	Null	Key	Default	Extra
V	varchar(10)	YES		NULL	
P	varchar(10)	YES		NULL	
Y	varchar(10)	YES		NULL	

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



```
mysql> INSERT INTO PROVEEDOR (ID,NOMBRE,STATUS,CIUDAD) VALUES
-> ('V1','Smith','20','Londres'),
-> ('V2','Jones','10','París'),
-> ('V3','Blake','30','París'),
-> ('V4','Clark','20','Londres'),
-> ('V5','Adams','30','Atenas');
Query OK, 5 rows affected (0.01 sec)
Records: 5 Duplicates: 0 Warnings: 0
```

```
mysql> INSERT INTO PARTES (CODE,PORTE,COLOR,PESO,PRECIO,CIUDAD) VALUES
-> ('P1','Tuerca','Rojo',12.0,'Londres'),
-> ('P2','Perno','Verde',17.0,'Paris'),
-> ('P3','Tornillo','Azul',17.0,'Roma'),
-> ('P4','Tornillo','Rojo',14.0,'Londres'),
-> ('P5','Leva','Azul',12.0,'Paris'),
-> ('P6','Engrane','Rojo',19.0,'Londres');
ERROR 1136 (21S01): Column count doesn't match value count at row 1
mysql> #me falto una columna
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> INSERT INTO PARTES (CODE,PORTE,COLOR,PESO,PRECIO,CIUDAD) VALUES
-> ('P1','Tuerca','Rojo',12.0,2.50,'Londres'),
-> ('P2','Perno','Verde',17.0,2.75,'Paris'),
-> ('P3','Tornillo','Azul',17.0,1.70,'Roma'),
-> ('P4','Tornillo','Rojo',14.0,1.00,'Londres'),
-> ('P5','Leva','Azul',12.0,10.00,'Paris'),
-> ('P6','Engrane','Rojo',19.0,25.99,'Londres');
Query OK, 6 rows affected (0.01 sec)
Records: 6 Duplicates: 0 Warnings: 0
```

```
mysql> INSERT INTO TALLER (CODE,PROYECTO,CIUDAD) VALUES
-> ('Y1','Clasificador','Paris'),
-> ('Y2','Monitor','Roma'),
-> ('Y3','OCR','Atenas'),
-> ('Y4','Consola','Atenas'),
-> ('Y5','RAID','Londres'),
-> ('Y6','EDS','Oslo'),
-> ('Y7','Cinta','Londres');
Query OK, 7 rows affected (0.01 sec)
Records: 7 Duplicates: 0 Warnings: 0
```

```
mysql> INSERT INTO VPY (V,P,Y) VALUES
-> ('V1','P1','Y1'),
-> ('V1','P1','Y4'),
-> ('V2','P3','Y1'),
-> ('V2','P3','Y2'),
-> ('V2','P3','Y3'),
-> ('V2','P3','Y3'),
-> ('V2','P3','Y4'),
-> ('V2','P3','Y5'),
-> ('V2','P3','Y6'),
-> ('V2','P3','Y7'),
-> ('V2','P5','Y2'),
-> ('V3','P3','Y1'),
-> ('V3','P4','Y2'),
-> ('V4','P6','Y3'),;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '' at line 15
mysql> #FALTA UNA COLUMNA
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> ALTER TABLE VPY
-> ADD COLUMN CANT INT;
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> INSERT INTO VPY (V, P, Y, CANT) VALUES
```

```
-> ('V1', 'P1', 'Y1', 200),
-> ('V1', 'P1', 'Y4', 700),
-> ('V2', 'P3', 'Y1', 400),
-> ('V2', 'P3', 'Y2', 200),
-> ('V2', 'P3', 'Y3', 200),
-> ('V2', 'P3', 'Y4', 500),
-> ('V2', 'P3', 'Y5', 600),
-> ('V2', 'P3', 'Y6', 400),
-> ('V2', 'P3', 'Y7', 800),
-> ('V2', 'P5', 'Y2', 100),
-> ('V3', 'P3', 'Y1', 200),
-> ('V3', 'P4', 'Y2', 500),
-> ('V4', 'P6', 'Y3', 300),
-> ('V4', 'P6', 'Y7', 300),
-> ('V5', 'P2', 'Y2', 200),
-> ('V5', 'P2', 'Y4', 100),
-> ('V5', 'P5', 'Y5', 500),
-> ('V5', 'P5', 'Y7', 100),
-> ('V5', 'P6', 'Y2', 200),
-> ('V5', 'P1', 'Y4', 100),
-> ('V5', 'P3', 'Y4', 200),
-> ('V5', 'P4', 'Y4', 800),
-> ('V5', 'P5', 'Y4', 400),
-> ('V5', 'P6', 'Y4', 500);
```

```
Query OK, 24 rows affected (0.01 sec)
Records: 24 Duplicates: 0 Warnings: 0
```

```
mysql>
```



```
mysql> #ahora crearemos las consultas de las vistas
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> SELECT p.ID AS Proveedor_ID, p.NOMBRE AS Proveedor_Nombre, p.CIUDAD AS Proveedor_Ciudad,
->      pr.PARTE AS Parte_Suministrada, pr.COLOR AS Color_Parte, pr.PESO AS Peso_Parte, pr.PRECIO AS Precio_Parte
-> FROM proveedor p
-> JOIN partes pr ON p.CIUDAD = pr.CIUDAD;
```

Proveedor_ID	Proveedor_Nombre	Proveedor_Ciudad	Parte_Suministrada	Color_Parte	Peso_Parte	Precio_Parte
V4	Clark	Londres	Tuerca	Rojo	12.00	2.50
V1	Smith	Londres	Tuerca	Rojo	12.00	2.50
V3	Blake	París	Perno	Verde	17.00	2.75
V2	Jones	París	Perno	Verde	17.00	2.75
V4	Clark	Londres	Tornillo	Rojo	14.00	1.00
V1	Smith	Londres	Tornillo	Rojo	14.00	1.00
V3	Blake	París	Leva	Azul	12.00	10.00
V2	Jones	París	Leva	Azul	12.00	10.00
V4	Clark	Londres	Engrane	Rojo	19.00	25.99
V1	Smith	Londres	Engrane	Rojo	19.00	25.99

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

```
mysql> CREATE VIEW reporte_proveedores_partes AS
-> SELECT p.ID AS Proveedor_ID, p.NOMBRE AS Proveedor_Nombre, p.CIUDAD AS Proveedor_Ciudad,
->      pr.PARTE AS Parte_Suministrada, pr.COLOR AS Color_Parte, pr.PESO AS Peso_Parte, pr.PRECIO AS Precio_Parte
-> FROM proveedor p
-> JOIN partes pr ON p.CIUDAD = pr.CIUDAD;
```

```
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> SELECT pr.CODE AS Parte_Codigo, pr.PARTE AS Parte_Nombre, pr.COLOR AS Color_Parte, pr.PESO AS Peso_Parte, pr.PRECIO AS Precio_Parte,
->      p.ID AS Proveedor_ID, p.NOMBRE AS Proveedor_Nombre, p.CIUDAD AS Proveedor_Ciudad
-> FROM partes pr
-> JOIN proveedor p ON pr.CIUDAD = p.CIUDAD;
```

Parte_Codigo	Parte_Nombre	Color_Parte	Peso_Parte	Precio_Parte	Proveedor_ID	Proveedor_Nombre	Proveedor_Ciudad
P1	Tuerca	Rojo	12.00	2.50	V4	Clark	Londres
P1	Tuerca	Rojo	12.00	2.50	V1	Smith	Londres
P2	Perno	Verde	17.00	2.75	V3	Blake	París
P2	Perno	Verde	17.00	2.75	V2	Jones	París
P4	Tornillo	Rojo	14.00	1.00	V4	Clark	Londres
P4	Tornillo	Rojo	14.00	1.00	V1	Smith	Londres

```
mysql> CREATE VIEW reporte_partes_proveedor AS
-> SELECT pr.CODE AS Parte_Codigo, pr.PARTE AS Parte_Nombre, pr.COLOR AS Color_Parte, pr.PESO AS Peso_Parte, pr.PRECIO AS Precio_Parte,
->      p.ID AS Proveedor_ID, p.NOMBRE AS Proveedor_Nombre, p.CIUDAD AS Proveedor_Ciudad
-> FROM partes pr
-> JOIN proveedor p ON pr.CIUDAD = p.CIUDAD;
```

```
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> SELECT ID AS Proveedor_ID, NOMBRE AS Proveedor_Nombre, CIUDAD AS Proveedor_Ciudad, STATUS AS Proveedor_Estado
-> FROM proveedor
-> WHERE STATUS != '00';
```

Proveedor_ID	Proveedor_Nombre	Proveedor_Ciudad	Proveedor_Estado
V1	Smith	Londres	20
V2	Jones	París	10
V3	Blake	París	30
V4	Clark	Londres	20
V5	Adams	Atenas	30

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

```
mysql> CREATE VIEW PROVEEDORES_ACTIVOS AS SELECT ID AS Proveedor_ID, NOMBRE AS Proveedor_Nombre, CIUDAD AS Proveedor_Ciudad, STATUS AS Proveedor_Estado
-> FROM proveedor
-> WHERE STATUS != '00';
```

```
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> SELECT t.CODE AS Taller_Codigo, t.PROYECTO AS Proyecto_Taller, t.CIUDAD AS Ciudad_Taller,
->      p.NOMBRE AS Proveedor_Nombre, p.CIUDAD AS Proveedor_Ciudad
-> FROM taller t
-> JOIN proveedor p ON t.CIUDAD = p.CIUDAD;
```

Taller_Codigo	Proyecto_Taller	Ciudad_Taller	Proveedor_Nombre	Proveedor_Ciudad
Y1	Clasificador	Paris	Blake	París
Y1	Clasificador	Paris	Jones	París
Y3	OCR	Atenas	Adams	Atenas
Y4	Consola	Atenas	Adams	Atenas
Y5	RAID	Londres	Clark	Londres
Y5	RAID	Londres	Smith	Londres
Y7	Cinta	Londres	Clark	Londres
Y7	Cinta	Londres	Smith	Londres

```
mysql> CREATE VIEW reporte_taller_proyectos AS
-> SELECT t.CODE AS Taller_Codigo, t.PROYECTO AS Proyecto_Taller, t.CIUDAD AS Ciudad_Taller,
->         p.NOMBRE AS Proveedor_Nombre, p.CIUDAD AS Proveedor_Ciudad
-> FROM taller t
-> JOIN proveedor p ON t.CIUDAD = p.CIUDAD;
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> SELECT p.ID AS Proveedor_ID, p.NOMBRE AS Proveedor_Nombre, p.CIUDAD AS Proveedor_Ciudad,
->         COUNT(pr.CODE) AS Cantidad_Partes_Suministradas
-> FROM proveedor p
-> LEFT JOIN partes pr ON p.CIUDAD = pr.CIUDAD
-> GROUP BY p.ID, p.NOMBRE, p.CIUDAD;
```

Proveedor_ID	Proveedor_Nombre	Proveedor_Ciudad	Cantidad_Partes_Suministradas
V1	Smith	Londres	3
V2	Jones	París	2
V3	Blake	París	2
V4	Clark	Londres	3
V5	Adams	Atenas	0

5 rows in set (0.00 sec)

The screenshot shows the DBeaver 24.0.2 interface. The left sidebar displays the 'Navegador de Bases de Datos' (Database Navigator) for a project named 'taller' connected to 'localhost:3306'. The database structure includes 'sys', 'taller' (with tables 'partes', 'proveedor', 'taller', 'vpy'), 'Views' (including 'movimiento', 'proveedores_activos', 'reporte_cantidad_partes_proveedor', 'reporte_partes_proveedor', 'reporte_proveedores_partes', 'reporte_taller_proyectos'), 'Indexes', 'Procedures', 'Triggers', and 'Events'. The main editor window shows a SQL script: 'select * from movimiento;'. Below the script, the 'movimiento 1' view is displayed as a data grid with columns: 'Proveedor', 'Parte', and 'Cantidad_Utilizada'. The grid shows 8 rows of data for 'Smith' and 'Jones'. The bottom status bar indicates '24 row(s) fetched - 0.011s (0.001s fetch), on 2024-04-07 at 18:40:11'.

Proveedor	Parte	Cantidad_Utilizada
Smith	Tuerca	200
Smith	Tuerca	700
Jones	Tornillo	400
Jones	Tornillo	200
Jones	Tornillo	200
Jones	Tornillo	500
Jones	Tornillo	600
Jones	Tornillo	400
Jones	Tornillo	800

