INSTITUTO TECNOLÓGICO SUPERIOR DE JEREZ

INGENIERÍA EN SISTEMAS COMPUTACIONALES

TALLER DE BASES DE DATOS

9° SEMESTRE

I.S.C. SALVADOR ACEVEDO SANDOVAL

"EJERCICIOS SQL [CONSULTAS CON FUNCIONES DE AGREGACIÓN]"

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```
mysql> SELECT MAX(salary) FROM Staff;
+-------------+
| MAX(salary) |
+-------------+
|       30000 |
+-------------+
1 row in set (0.08 sec)
```

```
mysql> SELECT MIN(salary) FROM Staff;
+-------------+
| MIN(salary) |
+-------------+
|        9000 |
+-------------+
1 row in set (0.00 sec)
```

```
mysql> SELECT AVG(salary) FROM Staff;
+-------------+
| AVG(salary) |
+-------------+
|  17000.0000 |
+-------------+
1 row in set (0.01 sec)
```

```
mysql> SELECT SUM(salary) FROM Staff;
+-------------+
| SUM(salary) |
+-------------+
|      102000 |
+-------------+
1 row in set (0.00 sec)
```

```
mysql> SELECT SUM(salary)/2 FROM Staff;
+---------------+
| SUM(salary)/2 |
+---------------+
|    51000.0000 |
+---------------+
1 row in set (0.00 sec)
```

```
mysql> SELECT COUNT(*) FROM PropertyForRent;
+----------+
| COUNT(*) |
+----------+
|        6 |
+----------+
1 row in set (0.00 sec)
```

```
mysql> SELECT COUNT(*) FROM Viewing;
+----------+
| COUNT(*) |
+----------+
|        5 |
+----------+
1 row in set (0.00 sec)
```

```
mysql> SELECT COUNT(*) FROM Client;
+----------+
| COUNT(*) |
+----------+
|        4 |
+----------+
1 row in set (0.00 sec)
```

```
mysql> SELECT COUNT(*) FROM PropertyForRent WHERE rent > 350;
+----------+
| COUNT(*) |
+----------+
|        5 |
+----------+
1 row in set (0.01 sec)
```

```
mysql> SELECT COUNT(*) FROM Viewing WHERE propertyNo = "CR56";
+----------+
| COUNT(*) |
+----------+
|        0 |
+----------+
1 row in set (0.01 sec)
```

```
mysql> SELECT COUNT(*) FROM Viewing WHERE clientNo = "CR56";
+----------+
| COUNT(*) |
+----------+
|        3 |
+----------+
1 row in set (0.00 sec)
```

```
mysql> SELECT COUNT(*) FROM Client WHERE maxRent > 500;
+----------+
| COUNT(*) |
+----------+
|        2 |
+----------+
1 row in set (0.00 sec)
```

```
mysql> SELECT AVG(maxRent) FROM Client;
+--------------+
| AVG(maxRent) |
+--------------+
|     531.2500 |
+--------------+
1 row in set (0.00 sec)

mysql> SELECT SUM(rent) FROM PropertyForRent;
+-----------+
| SUM(rent) |
+-----------+
|      2825 |
+-----------+
1 row in set (0.00 sec)

mysql> SELECT MAX(rent),MIN(rent) FROM PropertyForRent;
+-----------+-----------+
| MAX(rent) | MIN(rent) |
+-----------+-----------+
|       650 |       350 |
+-----------+-----------+
1 row in set (0.00 sec)

mysql> SELECT AVG(rent) FROM PropertyForRent;
+-----------+
| AVG(rent) |
+-----------+
|  470.8333 |
+-----------+
1 row in set (0.00 sec)

mysql> SELECT SUM(maxRent) FROM Client;
+--------------+
| SUM(maxRent) |
+--------------+
|         2125 |
+--------------+
1 row in set (0.00 sec)
```

```
db2 => CONNECT TO D_Home

   Información de la conexión con la base de datos

 Servidor bases datos    = DB2/NT64 11.1.3.3
 ID autorización SQL      = ALBAR
 Alias base datos local = D_HOME

db2 => SELECT MAX(salary) FROM Staff

1
-----------
      30000,

  1 registro(s) seleccionado(s).

db2 => SELECT MIN(salary) FROM Staff

1
-----------
       9000,

  1 registro(s) seleccionado(s).

db2 => SELECT AVG(salary) FROM Staff

1
-------------------------------
      17000,000000000000000000

  1 registro(s) seleccionado(s).

db2 => SELECT SUM(salary) FROM Staff

1
-------------------------------
                         102000,

  1 registro(s) seleccionado(s).
```

```
db2 => SELECT SUM(salary)/2 FROM Staff

1
---------------------------------
                          51000,

  1 registro(s) seleccionado(s).

db2 => SELECT COUNT(*) FROM PropertyForRent

1
-----------
          6

  1 registro(s) seleccionado(s).

db2 => SELECT COUNT(*) FROM Viewing

1
-----------
          5

  1 registro(s) seleccionado(s).

db2 => SELECT COUNT(*) FROM Client

1
-----------
          4

  1 registro(s) seleccionado(s).

db2 => SELECT COUNT(*) FROM PropertyForRent WHERE rent > 350

1
-----------
          5

  1 registro(s) seleccionado(s).
```

```
db2 => SELECT COUNT(*) FROM Viewing WHERE propertyNo = 'CR56'

1
-----------
          0

  1 registro(s) seleccionado(s).

db2 => SELECT COUNT(*) FROM Viewing WHERE clientNo = 'CR56'

1
-----------
          3

  1 registro(s) seleccionado(s).

db2 => SELECT COUNT(*) FROM Client WHERE maxRent > 500

1
-----------
          2

  1 registro(s) seleccionado(s).

db2 => SELECT AVG(maxRent) FROM Client

1
---------------------------------
        531,2500000000000000000

  1 registro(s) seleccionado(s).

db2 => SELECT SUM(rent) FROM PropertyForRent

1
---------------------------------
                           2825,

  1 registro(s) seleccionado(s).
```

```
db2 => SELECT MAX(rent),MIN(rent) FROM PropertyForRent

1           2
----------- -----------
        650,        350,

  1 registro(s) seleccionado(s).

db2 => SELECT AVG(rent) FROM PropertyForRent

1
--------------------------------
        470,833333333333333333333

  1 registro(s) seleccionado(s).

db2 => SELECT SUM(maxRent) FROM Client

1
--------------------------------
                           2125,

  1 registro(s) seleccionado(s).

db2 => SELECT SUM(rent) FROM PropertyForRent WHERE type = 'House'

1
--------------------------------
                           1250,

  1 registro(s) seleccionado(s).
```