

Instituto Tecnológico Superior de Jerez.



Jerez de García Salinas a 27 de Septiembre del 2019.

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S17070157.

INGENIERÍA EN SISTEMAS COMPUTACIONALES.

Taller de Base de Datos.

5to. SEMESTRE.

Consultas en SQL Server con Funciones de Agregación.

ISC. Salvador Acevedo Sandoval.

```

C:\WINDOWS\system32\cmd.exe - mysql -u root -p
Microsoft Windows [Versión 10.0.17134.1039]
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C:\Users\casas>mysql -u root -p
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 15
Server version: 8.0.17 MySQL Community Server - GPL

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affiliates. Other names may be trademarks of their respective
owners.

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

mysql> USE Bd_Dreamhome;
Database changed
mysql>

```

1.-

```

mysql> SELECT MAX(Salary) FROM Staff;
+-----+
| MAX(Salary) |
+-----+
|    30000.00 |
+-----+
1 row in set (0.00 sec)

```

2.-

```

mysql> SELECT MIN(Salary) FROM Staff;
+-----+
| MIN(Salary) |
+-----+
|     9000.00 |
+-----+
1 row in set (0.00 sec)

```

3.-

```

mysql> SELECT AVG(Salary) FROM Staff;
+-----+
| AVG(Salary) |
+-----+
| 17000.000000 |
+-----+
1 row in set (0.02 sec)

```

4.-

```

mysql> SELECT SUM(Salary) FROM Staff;
+-----+
| SUM(Salary) |
+-----+
|    102000.00 |
+-----+
1 row in set (0.00 sec)

```

5.-

```
mysql> SELECT SUM(Salary/2) FROM Staff;
+-----+
| SUM(Salary/2) |
+-----+
| 51000.000000 |
+-----+
1 row in set (0.00 sec)
```

6.-

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

7.-

```
mysql> SELECT COUNT(ClientNo) FROM Viewing;
+-----+
| COUNT(ClientNo) |
+-----+
| 5 |
+-----+
1 row in set (0.15 sec)
```

8.-

```
mysql> SELECT COUNT(ClientNo) FROM Client;
+-----+
| COUNT(ClientNo) |
+-----+
| 4 |
+-----+
1 row in set (0.03 sec)
```

9.-

```
mysql> SELECT COUNT(PropertyNo) FROM PropertyForRent WHERE Rent>350;
+-----+
| COUNT(PropertyNo) |
+-----+
| 5 |
+-----+
1 row in set (0.00 sec)
```

10.-

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

11.-

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

12.-

```
mysql> SELECT AVG(maxRent) FROM Client;
+-----+
| AVG(maxRent) |
+-----+
| 531.250000 |
+-----+
1 row in set (0.00 sec)
```

13.-

```
mysql> SELECT SUM(Rent) FROM PropertyForRent;
+-----+
| SUM(Rent) |
+-----+
| 2825.00 |
+-----+
1 row in set (0.00 sec)
```

14.-

```
mysql> SELECT MAX(Rent), MIN(Rent) FROM PropertyForRent;
+-----+-----+
| MAX(Rent) | MIN(Rent) |
+-----+-----+
| 650.00 | 350.00 |
+-----+-----+
1 row in set (0.00 sec)
```

15.-

```
mysql> SELECT AVG(Rent) FROM PropertyForRent;
+-----+
| AVG(Rent) |
+-----+
| 470.833333 |
+-----+
1 row in set (0.00 sec)
```

16.-

```
mysql> SELECT SUM(maxRent) FROM Client;
+-----+
| SUM(maxRent) |
+-----+
|      2125.00 |
+-----+
1 row in set (0.00 sec)
```

17.-

```
mysql> SELECT SUM(Rent) FROM PropertyForRent WHERE Type='House';
+-----+
| SUM(Rent) |
+-----+
|    1250.00 |
+-----+
1 row in set (0.00 sec)
```

18.-

```
mysql> SELECT MAX(Street), MIN(Street) FROM PropertyForRent;
+-----+-----+
| MAX(Street) | MIN(Street) |
+-----+-----+
| 6 Lawrence St | 16 Holland |
+-----+-----+
1 row in set (0.00 sec)

mysql> SELECT MAX(City), MIN(City) FROM PropertyForRent;
+-----+-----+
| MAX(City) | MIN(City) |
+-----+-----+
| London | Aberdeen |
+-----+-----+
1 row in set (0.00 sec)
```

Crea una lista ordenada alfabéticamente y el valor mínimo es el primero en la lista y el máximo es el último de la lista.