

C:\> Administrator: Command Prompt - mysql -u voodoo_user -h 178.124.206.46 -P 33306 -p

```
mysql> SELECT CustomerName, City FROM Customers Limit 5;
```

CustomerName	City
Alfreds Futterkiste	Berlin
Ana Trujillo Emparedados y helados	Mexico D.F.
Antonio Moreno Taqueria	Mexico D.F.
Around the Horn	London
Berglunds snabbkup	Lulee

5 rows in set (0.03 sec)

```
mysql>
```

Task:

Select first 5 rows of the "CustomerName" and "City" columns from the "Customers" table



Select Administrator: Command Prompt - mysql -u voodoo_user -h 178.124.206.46 -P 33306 -p

```
mysql> SELECT CustomerName, City FROM Customers WHERE Country='Mexico';
```

CustomerName	City
Ana Trujillo Emparedados y helados	Mexico D.F.
Antonio Moreno Taqueria	Mexico D.F.
Centro comercial Moctezuma	Mexico D.F.
Pericles Comidas clasicas	Mexico D.F.
Tortuga Restaurante	Mexico D.F.

5 rows in set (0.03 sec)

```
mysql>
```

Task:

Select all the customers (their name and country name) from the country "Mexico"

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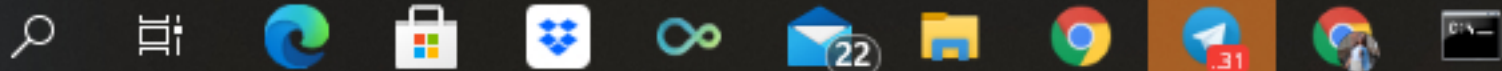
```
mysql> SELECT * FROM Customers WHERE Country='Germany' AND City='Berlin' OR City='Mannheim' ORDER BY Address DESC;
```

CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
1	Alfreds Futterkiste	Maria Anders	Obere Str. 57	Berlin	12209	Germany
6	Blauer See Delikatessen	Hanna Moos	Forsterstr. 57	Mannheim	68306	Germany

2 rows in set (0.04 sec)

```
mysql>
```

Task:
Select all customers' records from the country "Germany" and the city "Berlin" or "Mannheim", sort by the Address from Z to A



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```
mysql> SELECT * From Customers WHERE CustomerName LIKE '%s' AND Country NOT LIKE '%land%' AND Country LIKE 'b%' ORDER BY Country ASC;
```

CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
76	Suprumes dulices	Pascale Cartrain	Boulevard Tirou, 255	Charleroi	B-6000	Belgium
31	Gourmet Lanchonetes	Andru Fonseca	Av. Brasil, 442	Campinas	04876-786	Brazil
34	Hanari Carnes	Mario Pontes	Rua do Pauo, 67	Rio de Janeiro	05454-876	Brazil
67	Ricardo Adocicados	Janete Limeira	Av. Copacabana, 267	Rio de Janeiro	02389-890	Brazil
81	Tradibro Hipermercados	Anabela Domingues	Av. Inks de Castro, 414	Suo Paulo	05634-030	Brazil

5 rows in set (0.04 sec)

```
mysql>
```

Task:

Select all customers' records, whose name ends with "s", from country, which name does not contain the pattern "land" and starts with "b", sort by the Country from A to Z



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```
mysql> SELECT * FROM Customers WHERE City IN ('Paris','Berlin','Mannheim','London') AND CustomerID>10 AND CustomerID<20;
```

CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
11	B's Beverages	Victoria Ashworth	Fauntleroy Circus	London	EC2 5NT	UK
16	Consolidated Holdings	Elizabeth Brown	Berkeley Gardens 12 Brewery	London	WX1 6LT	UK
19	Eastern Connection	Ann Devon	35 King George	London	WX3 6FW	UK

3 rows in set (0.08 sec)

```
mysql>
```

Task:
Select all customers' records from a City of "Paris", "Berlin", "Mannheim" or "London" and their IDs grater than 10, but less that 20



C:\ Administrator: Command Prompt - mysql -u voodoo_user -h 178.124.206.46 -P 33306 -p

```
mysql> SELECT * FROM Orders WHERE OrderDate BETWEEN '1996-07-04' AND '1996-07-09';
```

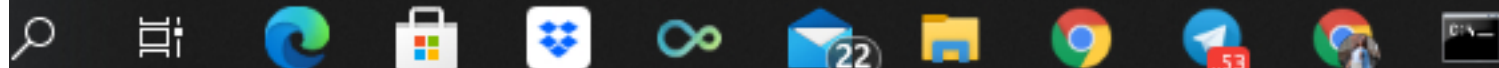
OrderID	CustomerID	EmployeeID	OrderDate	ShipperID
10248	90	5	1996-07-04	3
10249	81	6	1996-07-05	1
10250	34	4	1996-07-08	2
10251	84	3	1996-07-08	1
10252	76	4	1996-07-09	2

5 rows in set (0.04 sec)

```
mysql>
```

Task:

Selects all orders with an ordered between 04-July-1996 and 09-July-1996



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```
mysql> SELECT Orders.OrderID, Customers.CustomerName, Orders.OrderDate FROM Orders INNER JOIN Customers ON  
Customers.CustomerID = Orders.CustomerID WHERE OrderDate BETWEEN '1997-02-11' AND '1997-02-20';
```

OrderID	CustomerName	OrderDate
10442	Ernst Handel	1997-02-11
10443	Reggiani Caseifici	1997-02-12

2 rows in set (0.01 sec)

mysql>

Task:

Select the list of orders (its ID, customer's Name and the date of an order) which were made in the second decade of February, 1997



```
mysql> SELECT Employees.FirstName, COUNT(Orders.EmployeeID) AS 'Amount of orders' FROM Employees LEFT JOIN Orders ON  
Orders.EmployeeID=Employees.EmployeeID GROUP BY Employees.FirstName;
```

FirstName	Amount of orders
Adam	0
Andrew	20
Anne	6
Janet	31
Laura	27
Margaret	40
Michael	18
Nancy	29
Robert	14
Steven	11

10 rows in set (0.02 sec)

```
mysql>
```

Task:

Find all employees (their names) and "Amount of orders" they made (if any), sort them by name from A to Z, ensure all result columns have appropriate names.

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```
mysql> SELECT City, Country FROM Customers WHERE Country='UK' UNION SELECT City, Country FROM Suppliers WHERE Country='UK' ORDER BY City;
```

City	Country
Cowes	UK
London	UK
Londona	UK
Manchester	UK

4 rows in set (0.01 sec)

```
mysql>
```

Task:

Select all unique UK cities, where customers and suppliers live, sort from A to Z



Administrator: Command Prompt - mysql -u voodoo_user -h 178.124.206.46 -P 33306 -p

```
mysql> SELECT ProductName, Price FROM Products HAVING Price > (SELECT AVG(Price) FROM Products) and Price < 33 ORDER BY Price ASC;
```

ProductName	Price
Uncle Bob's Organic Dried Pears	30.00
Ikura	31.00
Gumbur Gummiburchen	31.23
Mascarpone Fabioli	32.00
Perth Pasties	32.80

5 rows in set (0.02 sec)

```
mysql>
```

Task:

Select products (their names) and prices records that have an above average price, but cheaper than 33, sort ascending

```
mysql> SELECT Shippers.ShipperName as 'Sender', COUNT(Orders.OrderID) as 'Items Sent', CONCAT(ROUND(100*COUNT(Orders.OrderID)/  
(SELECT COUNT(Orders.OrderID) FROM Shippers LEFT JOIN Orders ON Orders.ShipperID=Shippers.ShipperID),2),'%') AS 'Quota'  
-> FROM Shippers LEFT JOIN Orders ON Orders.ShipperID=Shippers.ShipperID  
-> GROUP BY Shippers.ShipperName  
-> HAVING COUNT(Orders.OrderID)>(SELECT COUNT(Orders.OrderID) FROM Shippers LEFT JOIN Orders ON Orders.ShipperID=Shippers.  
ShipperID)/(SELECT COUNT(ShipperID) FROM Shippers);
```

Sender	Items Sent	Quota
Federal Shipping	68	34.69%
United Package	74	37.76%

2 rows in set (0.03 sec)

mysql>

Task:
Select shippers that shipped an above average (to column "Sender"), amount of orders they shipped (to column "Items Sent") and percentage of shipping from overall amount (to column "Quota", values have to be with '%' sign)