

MySQL Workbench

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Administration Schemas

Information

Schema: northwind

SQL File 3*

```
1 /*Question 1*/
2 SELECT ProductName, QuantityPerUnit
3 FROM Products
```

Result Grid

ProductName	QuantityPerUnit
Chai	10 boxes x 20 bags
Chang	24 - 12 oz bottles
Aniseed Syrup	12 - 550 ml bottles
Chef Anton's Cajun Seasoning	48 - 6 oz jars
Chef Anton's Gumbo Mix	36 boxes
Grandma's Boysenberry Spread	12 - 8 oz jars
Uncle Bob's Organic Dried Pears	12 - 1 lb pkgs.
Northwoods Cranberry Sauce	12 - 12 oz jars
Mahn Kobe Niku	18 - 500 g pkgs.
Tiara	12 - 200 ml jars
Queso Cabrales	1 kg pkg.
Queso Manchego La Pastora	10 - 500 g pkgs.
Korbu	2 kg box
Tofu	40 - 100 g pkgs.

Products 35

Output

Action Output

#	Time	Action	Message	Duration / Fetch
39	12:54:06	SELECT employee_id,first_name,last_name,hire_date FROM employees WHERE POSITIO...	16 row(s) returned	0.000 sec / 0.000 sec
40	13:03:39	SELECT ProductName, QuantityPerUnit FROM Products LIMIT 0, 1000	77 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

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Schema: northwind

SQL File 3*

```
1 /*Question 2*/
2 SELECT ProductID, ProductName
3 FROM Products
4 WHERE Discontinued = "False"
5 ORDER BY ProductName
```

Result Grid

ProductID	ProductName
3	Aniseed Syrup
40	Boston Crab Meat
60	Camembert Pierrot
18	Carnarvon Tigers
1	Chai
2	Chang
39	Chartreuse verte
4	Chef Anton's Cajun Seasoning
48	Chocolate
38	Côte de Blaye
58	Escargots de Bourgogne
52	Filo Mix
71	Flotemysost
33	Geitost

Products 36

Output

Action Output

#	Time	Action	Message	Duration / Fetch
40	13:03:39	SELECT ProductName, QuantityPerUnit FROM Products LIMIT 0, 1000	77 row(s) returned	0.000 sec / 0.000 sec
41	13:04:00	SELECT ProductID, ProductName FROM Products WHERE Discontinued = "False" ORDE...	69 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

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Schema: northwind

SQL File 3*

```
1 /*Question 3*/
2 SELECT ProductID, ProductName
3 FROM Products
4 WHERE Discontinued = 1
5 ORDER BY ProductName;
```

Result Grid

ProductID	ProductName
17	Alice Mutton
5	Chef Anton's Gumbo Mix
24	Guarani Panaderia
9	Mishi Kobe Niku
53	Perth Pasties
28	Rössle Sauerkraut
42	Singaporean Hokkien Fried Mee
29	Thüringer Rostbratwurst

Products 37

Output

Action Output

#	Time	Action	Message	Duration / Fetch
42	13:04:16	SELECT ProductID, ProductName FROM Products WHERE Discontinued = 1 ORDER BY ...	8 row(s) returned	0.000 sec / 0.000 sec
43	13:04:16		Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds ...	0.000 sec

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Schema: northwind

SQL File 3*

```
1 /*Question 4*/
2 SELECT ProductName, UnitPrice
3 FROM Products
4 ORDER BY UnitPrice DESC;
```

Result Grid

ProductName	UnitPrice
Côte de Blaye	263.5000
Thüringer Rostbratwurst	123.7900
Mishi Kobe Niku	97.0000
Sir Rodney's Marmalade	81.0000
Carnarvon Tigers	62.5000
Radette Courdavault	55.0000
Manjimup Dried Apples	53.0000
Tarte au sucre	49.3000
Ispah Coffee	46.0000
Rössle Sauerkraut	45.6000
Schoggi Schokolade	43.9000
Veggie-spread	43.9000
Northwoods Cranberry ...	40.0000
Alice Mutton	39.0000

Products 38

Output

Action Output

#	Time	Action	Message	Duration / Fetch
43	13:04:16		Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds ...	0.000 sec
44	13:04:42	SELECT ProductName, UnitPrice FROM Products ORDER BY UnitPrice DESC LIMIT 0, 1...	77 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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Schema: northwind

SQL File 3*

Limit to 1000 rows

```
1 /*Question 5*/
2 SELECT ProductID, ProductName, UnitPrice
3 FROM Products
```

Result Grid

ProductID	ProductName	UnitPrice
1	Chai	18.0000
2	Chang	19.0000
3	Aniseed Syrup	10.0000
4	Chef Anton's Cajun Seasoning	22.0000
5	Chef Anton's Gumbo Mix	21.3500
6	Grandma's Boysenberry Spread	25.0000
7	Uncle Bob's Organic Dried Pears	30.0000
8	Northwoods Cranberry Sauce	40.0000
9	Mishi Kobe Niku	97.0000
10	Rais	31.0000
11	Queso Cabrales	21.0000
12	Queso Manchego La Pastora	38.0000
13	Korbu	6.0000
14	Tofu	23.2500

Products 39

Output

Action Output

#	Time	Action	Message	Duration / Fetch
44	13:04:42	SELECT ProductName, UnitPrice FROM Products ORDER BY UnitPrice DESC LIMIT 0, 1...	77 row(s) returned	0.000 sec / 0.000 sec
45	13:05:00	SELECT ProductID, ProductName, UnitPrice FROM Products LIMIT 0, 1000	77 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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Schema: northwind

SQL File 3*

Limit to 1000 rows

```
1 /*Question 6*/
2 SELECT ProductName, UnitPrice
3 FROM Products
4 WHERE (((UnitPrice)>=15 And (UnitPrice)<=25)
5 AND ((Products.Discontinued)=False))
6 ORDER BY Products.UnitPrice DESC;
```

Result Grid

ProductName	UnitPrice
Grandma's Boysenberry Spread	25.0000
Psté chinois	24.0000
Tofu	23.2500
Chef Anton's Cajun Seasoning	22.0000
Fletemysost	21.5000
Louisiana Fiery Hot Pepper Sauce	21.0500
Queso Cabrales	21.0000
Gustaf's Knäckebröd	21.0000
Mozzaku	20.0000
Ravioli Angelo	19.5000
Gula Malacca	19.4500
Chang	19.0000
Inlaad Sill	19.0000

Products 40

Output

Action Output

#	Time	Action	Message	Duration / Fetch
45	13:05:00	SELECT ProductID, ProductName, UnitPrice FROM Products LIMIT 0, 1000	77 row(s) returned	0.000 sec / 0.000 sec
46	13:05:19	SELECT ProductName, UnitPrice FROM Products WHERE (((UnitPrice)>=15 And (UnitPrice)...)	24 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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Schema: northwind

SQL File 3*

Limit to 1000 rows

```
1 /*Question 7*/
2 SELECT DISTINCT ProductName, UnitPrice
3 FROM Products
4 WHERE UnitPrice > (SELECT avg(UnitPrice) FROM Products)
5 ORDER BY UnitPrice;
```

Result Grid

ProductName	UnitPrice
Uncle Bob's Organic Dried Pears	30.0000
Bura	31.0000
Gumbär Gumbärbäcken	31.2300
Mascarpone Faboli	32.0000
Perth Pasties	32.8000
Winners gute Semmelknödel	33.2500
Camembert Pierrot	34.0000
Mozzarella di Giovanni	34.8000
Gudbrandsdøst	36.0000
Gnocchi di nonna Alice	38.0000
Queso Manchego La Pastora	38.0000
Alice Mutton	39.0000
Northwoods Cranberry Sauce	40.0000

Products 41 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
46	13:05:19	SELECT ProductName, UnitPrice FROM Products WHERE ((UnitPrice)>=15 And (UnitPrice)...	24 row(s) returned	0.000 sec / 0.000 sec
47	13:05:54	SELECT DISTINCT ProductName, UnitPrice FROM Products WHERE UnitPrice > (SELECT ...	25 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

SQLAdditions

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Schema: northwind

SQL File 3*

Limit to 1000 rows

```
1 /*Question 8*/
2 SELECT DISTINCT ProductName as Twenty_Most_Expensive_Products, UnitPrice
3 FROM Products AS a
4 WHERE 20 >= (SELECT COUNT(DISTINCT UnitPrice)
5 FROM Products AS b
6 WHERE b.UnitPrice >= a.UnitPrice)
7 ORDER BY UnitPrice desc;
```

Result Grid

Twenty_Most_Expensive_Products	UnitPrice
Côte de Blaye	263.5000
Thüringer Rostbratwurst	123.7900
Mahi Kobe Niku	97.0000
Sir Rodney's Marmalade	81.0000
Camervon Tigers	62.5000
Radlette Courdavault	55.0000
Manjimup Dried Apples	53.0000
Tarte au sucre	49.3000
Iphoh Coffee	46.0000
Rössle Sauerkraut	45.6000
Schoggi Schokolade	43.9000
Vege-spread	43.9000

Products 42 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
47	13:05:54	SELECT DISTINCT ProductName, UnitPrice FROM Products WHERE UnitPrice > (SELECT ...	25 row(s) returned	0.000 sec / 0.000 sec
48	13:06:13	SELECT DISTINCT ProductName as Twenty_Most_Expensive_Products, UnitPrice FROM ...	22 row(s) returned	0.125 sec / 0.000 sec

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Schema: northwind

SQL File 3*

Limit to 1000 rows

```
1 /*Question 9*/
2 SELECT Count(ProductName)
3 FROM Products
4 GROUP BY Discontinued;
```

Result Grid

Count(ProductName)
69
8

Output

Action Output

#	Time	Action	Message	Duration / Fetch
48	13:06:13	SELECT DISTINCT ProductName as Twenty_Most_Expensive_Products, UnitPrice FROM ...	22 row(s) returned	0.125 sec / 0.000 sec
49	13:06:47	SELECT Count(ProductName) FROM Products GROUP BY Discontinued LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

SQLAdditions

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Schema: northwind

SQL File 3*

Limit to 1000 rows

```
1 /*Question 10*/
2 SELECT ProductName, UnitsOnOrder, UnitsInStock
3 FROM Products
4 WHERE (((Discontinued)=False) AND ((UnitsInStock)<UnitsOnOrder));
```

Result Grid

ProductName	UnitsOnOrder	UnitsInStock
Chang	40	17
Aniseed Syrup	70	13
Queso Cabrales	30	22
Sir Rodney's Scones	40	3
Gorgonzola Telino	70	0
Mascarpone Fagioli	40	9
Gravend lax	50	11
Ragiede sld	70	5
Chocolate	70	15
Maxilaku	60	10
Wimmers gute Sem...	80	22
Louisiana Hot Spice...	100	4
Scottish Longbreads	10	6
Longlife Tofu	20	4

Output

Action Output

#	Time	Action	Message	Duration / Fetch
49	13:06:47	SELECT Count(ProductName) FROM Products GROUP BY Discontinued LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
50	13:07:06	SELECT ProductName, UnitsOnOrder, UnitsInStock FROM Products WHERE (((Discontinu...	14 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

SQLAdditions

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