Hasil Latihan Perintah di Mind Map

BASIS DATA

2023071062 | Teesa Shahnaz Triviraquetta

```
1 select*from xcust
2 where Country ='Mexico';
```

Grid view | Form view

Total rows loaded: 3

|	CustomerII	CustomerName	ContactName	Address	City	PostalCode	Country
1	2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F.	05021	Mexico
2	3	Antonio Moreno Taquería	Antonio Moreno	Mataderos 2312	México D.F.	05023	Mexico
3	13	Centro comercial Moctezuma	Francisco Chang	Sierras de Granada 9993	México D.F.	05022	Mexico

```
1 select*from xcust
2 where City in ('Paris', 'London');
```

Grid view	Form view

Total rows loaded: 4

	CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
1	4	Around the Horn	Thomas Hardy	120 Hanover Sq.	London	WA1 1DP	UK
2	11	B\s Beverages	Victoria Ashworth	Fauntleroy Circus	London	EC2 5NT	UK
3	16	Consolidated Holdings	Elizabeth Brown	Berkeley Gardens 12 Brewery	London	WX1 6LT	UK
4	19	Eastern Connection	Ann Devon	35 King George	London	WX3 6FW	UK

```
1  select*from Products
2  where Price >= 30;
```

Grid view | Form view

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	ProductID	ProductName	SupplierID	CategoryID	Unit	Price
1	7	Uncle Bob's Organic Dried Pears	3	7	12 - 1 lb pkgs.	30
2	8	Northwoods Cranberry Sauce	3	2	12 - 12 oz jars	40
3	9	Mishi Kobe Niku	4	6	18 - 500 g pkgs.	97
4	10	Ikura	4	8	12 - 200 ml jars	31
5	12	Queso Manchego La Pastora	5	4	10 - 500 g pkgs.	38
6	17	Alice Mutton	7	6	20 - 1 kg tins	39
7	18	Carnarvon Tigers	7	8	16 kg pkg.	62.5
8	20	Sir Rodney's Marmalade	8	3	30 gift boxes	81
9	26	Gumbär Gummibärchen	11	3	100 - 250 g bags	31.23
10	27	Schoggi Schokolade	11	3	100 - 100 g pieces	43.9
11	28	Rössle Sauerkraut	12	7	25 - 825 g cans	45.6
12	29	Thüringer Rostbratwurst	12	6	50 bags x 30 sausgs.	123.79

```
1 select*from Products
2 where Price between 40 and 60;
```

Grid view | Form view

Total rows loaded: 4

	ProductID	ProductName	SupplierID	CategoryID	Unit	Price
1	8	Northwoods Cranberry Sauce	3	2	12 - 12 oz jars	40
2	27	Schoggi Schokolade	11	3	100 - 100 g pieces	43.9
3	28	Rössle Sauerkraut	12	7	25 - 825 g cans	45.6
4	43	Ipoh Coffee	20	1	16 - 500 g tins	46

```
1 select*from xcust
2 where City like 's%';
```

Grid view | Form view

Total rows loaded: 6

	CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
1	7	Blondel père et fils	Frédérique Citeaux	24, place Kléber	Strasbourg	67000	France
2	15	Comércio Mineiro	Pedro Afonso	Av. dos Lusíadas, 23	São Paulo	05432-043	Brazil
3	21	Familia Arquibaldo	Aria Cruz	Rua Orós, 92	São Paulo	05442-030	Brazil
4	30	Godos Cocina Típica	José Pedro Freyre	C/ Romero, 33	Sevilla	41101	Spain
5	35	HILARIÓN-Abastos	Carlos Hernández	Carrera 22 con Ave. Carlos Soublette #8-35	San Cristóbal	5022	Venezue
6	45	Let\'s Stop N Shop	Jaime Yorres	87 Polk St. Suite 5	San Francisco	94117	USA

```
1 select*from xcust
2 where Country='Germany' and City = 'Berlin';
```

Grid view | Form view

Total rows loaded: 1

	CustomerII	CustomerName	ContactName	Address	City	PostalCode	Country
1	1	Alfreds Futterkiste	Maria Anders	Obere Str. 57	Berlin	12209	Germany

```
1 select*from xcust
2 where Country='Germany' or Country = 'Spain';
```

Grid view | Form view

Total rows loaded: 10

	CustomerII	CustomerName	ContactName	Address	City	PostalCode	Country
1	1	Alfreds Futterkiste	Maria Anders	Obere Str. 57	Berlin	12209	Germany
2	6	Blauer See Delikatessen	Hanna Moos	Forsterstr. 57	Mannheim	68306	Germany
3	8	Bólido Comidas preparadas	Martín Sommer	C/ Araquil, 67	Madrid	28023	Spain
4	17	Drachenblut Delikatessend	Sven Ottlieb	Walserweg 21	Aachen	52066	Germany
5	22	FISSA Fabrica Inter. Salchichas S.A.	Diego Roel	C/ Moralzarzal, 86	Madrid	28034	Spain
6	25	Frankenversand	Peter Franken	Berliner Platz 43	München	80805	Germany
7	29	Galería del gastrónomo	Eduardo Saavedra	Rambla de Cataluña, 23	Barcelona	08022	Spain
8	30	Godos Cocina Típica	José Pedro Freyre	C/ Romero, 33	Sevilla	41101	Spain
9	39	Königlich Essen	Philip Cramer	Maubelstr. 90	Brandenburg	14776	Germany
10	44	Lehmanns Marktstand	Renate Messner	Magazinweg 7	Frankfurt a.M.	60528	Germany

```
1 select*from xcust
2 where not Country='Germany';
```

Grid view | Form view

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	CustomerIl	CustomerName	ContactName	Address	City
1	2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F
2	3	Antonio Moreno Taquería	Antonio Moreno	Mataderos 2312	México D.F
3	4	Around the Horn	Thomas Hardy	120 Hanover Sq.	London
4	5	Berglunds snabbköp	Christina Berglund	Berguvsvägen 8	Luleå
5	7	Blondel père et fils	Frédérique Citeaux	24, place Kléber	Strasbourg
6	8	Bólido Comidas preparadas	Martín Sommer	C/ Araquil, 67	Madrid
7	9	Bon app'	Laurence Lebihans	12, rue des Bouchers	Marseille
8	10	Bottom-Dollar Marketse	Elizabeth Lincoln	23 Tsawassen Blvd.	Tsawassen
9	11	B\s Beverages	Victoria Ashworth	Fauntleroy Circus	London
10	12	Cactus Comidas para llevar	Patricio Simpson	Cerrito 333	Buenos Air
11	13	Centro comercial Moctezuma	Francisco Chang	Sierras de Granada 9993	México D.F

```
1 select CustomerID, CustomerName, ContactName, Address
2 from xcust
3 where Address is null;
```

Grid view | Form view

Total rows loaded: 0

CustomerID	CustomerName	ContactName	Address

```
1 select min(Price) AS
2 SmallestPrice
3 from Products;
```

Grid view | Form view

	SmallestPrice
1	2.5

```
1 select max(Price) AS
2 LargestPrice
3 from Products;
```

	LargestPrice
1	263.5

```
1 select all ProductName
2 from Products
3 where true
```

	ProductName
1	Chais
2	Chang
3	Aniseed Syrup
4	Chef Anton's Cajun Seasoning
5	Chef Anton's Gumbo Mix
6	Grandma's Boysenberry Spread
7	Uncle Bob's Organic Dried Pears
8	Northwoods Cranberry Sauce
9	Mishi Kobe Niku
10	Ikura
11	Queso Cabrales
12	Queso Manchego La Pastora

```sql
1 SELECT * FROM Products
2 WHERE Price > (SELECT Price FROM Products WHERE Price > 20);
```

Grid view | Form view

Total rows loaded: 19

	ProductID	ProductName	SupplierID	CategoryID	Unit	Price
1	6	Grandma's Boysenberry Spread	3	2	12 - 8 oz jars	25
2	7	Uncle Bob's Organic Dried Pears	3	7	12 - 1 lb pkgs.	30
3	8	Northwoods Cranberry Sauce	3	2	12 - 12 oz jars	40
4	9	Mishi Kobe Niku	4	6	18 - 500 g pkgs.	97
5	10	Ikura	4	8	12 - 200 ml jars	31
6	12	Queso Manchego La Pastora	5	4	10 - 500 g pkgs.	38
7	14	Tofu	6	7	40 - 100 g pkgs.	23.25
8	17	Alice Mutton	7	6	20 - 1 kg tins	39
9	18	Carnarvon Tigers	7	8	16 kg pkg.	62.5
10	20	Sir Rodney's Marmalade	8	3	30 gift boxes	81
11	26	Gumbär Gummibärchen	11	3	100 - 250 g bags	31.23
12	27	Schoggi Schokolade	11	3	100 - 100 g pieces	43.9

```
SELECT * FROM Products
WHERE EXISTS (SELECT Price FROM Products WHERE Price > 50);
```

Grid view | Form view

Total rows loaded: 49

ProductID	ProductName	SupplierID	CategoryID	Unit	Price
1	Chais	1	1	10 boxes x 20 bags	18
2	Chang	1	1	24 - 12 oz bottles	19
3	Aniseed Syrup	1	2	12 - 550 ml bottles	10
4	Chef Anton's Cajun Seasoning	2	2	48 - 6 oz jars	22
5	Chef Anton's Gumbo Mix	2	2	36 boxes	21.35
6	Grandma's Boysenberry Spread	3	2	12 - 8 oz jars	25
7	Uncle Bob's Organic Dried Pears	3	7	12 - 1 lb pkgs.	30
8	Northwoods Cranberry Sauce	3	2	12 - 12 oz jars	40
9	Mishi Kobe Niku	4	6	18 - 500 g pkgs.	97
10	Ikura	4	8	12 - 200 ml jars	31
11	Queso Cabrales	5	4	1 kg pkg.	21
12	Queso Manchego La Pastora	5	4	10 - 500 g pkgs.	38

```
1 SELECT *, rowid
2 FROM xcust
3 WHERE rowid = 2;
4
```

Grid view | Form view

Total rows loaded: 1

	CustomerID	CustomerName	ContactNam	Address	City	PostalCode	Country
1	2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F.	05021	Mexico

```
1 SELECT * FROM Products
2 ORDER BY Price ASC;
3
```

Grid view | Form view

Total rows loaded: 49

	ProductID	ProductName	SupplierID	CategoryID	Unit	Price
1	33	Geitost	15	4	500 g	2.5
2	24	Guaraná Fantástica	10	1	12 - 355 ml cans	4.5
3	13	Konbu	6	8	2 kg box	6
4	23	Tunnbröd	9	5	12 - 250 g pkgs.	9
5	19	Teatime Chocolate Biscuits	8	3	10 boxes x 12 pieces	9.2
6	45	Røgede sild	21	8	1k pkg.	9.5
7	47	Zaanse koeken	22	3	10 - 4 oz boxes	9.5
8	41	Jack's New England Clam Chowder	19	8	12 - 12 oz cans	9.65
9	3	Aniseed Syrup	1	2	12 - 550 ml bottles	10
10	21	Sir Rodney's Scones	8	3	24 pkgs. x 4 pieces	10
11	46	Spegesild	21	8	4 - 450 g glasses	12
12	31	Gorgonzola Telino	14	4	12 - 100 g pkgs	12.5

```
1 SELECT * FROM Products
2 ORDER BY ProductName DESC;
3 |
```

Grid view | Form view

Total rows loaded: 49

	ProductID	ProductName	SupplierID	CategoryID	Unit	Price
1	47	Zaanse koeken	22	3	10 - 4 oz boxes	9.5
2	7	Uncle Bob's Organic Dried Pears	3	7	12 - 1 lb pkgs.	30
3	23	Tunnbröd	9	5	12 - 250 g pkgs.	9
4	14	Tofu	6	7	40 - 100 g pkgs.	23.25
5	29	Thüringer Rostbratwurst	12	6	50 bags x 30 sausgs.	123.79
6	19	Teatime Chocolate Biscuits	8	3	10 boxes x 12 pieces	9.2
7	35	Steeleye Stout	16	1	24 - 12 oz bottles	18
8	46	Spegesild	21	8	4 - 450 g glasses	12
9	21	Sir Rodney's Scones	8	3	24 pkgs. x 4 pieces	10
10	20	Sir Rodney's Marmalade	8	3	30 gift boxes	81
11	42	Singaporean Hokkien Fried Mee	20	5	32 - 1 kg pkgs.	14
12	27	Schoggi Schokolade	11	3	100 - 100 g pieces	43.9

```
1 SELECT * FROM xcust
2 ORDER BY PostalCode ASC, CustomerName DESC;
3
```

Grid view | Form view

Total rows loaded: 50

	CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
1	37	Hungry Owl All-Night Grocers	Patricia McKenna	8 Johnstown Road	Cork		Ireland
2	31	Gourmet Lanchonetes	André Fonseca	Av. Brasil, 442	Campinas	04876-786	Brazil
3	2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F.	05021	Mexico
4	13	Centro comercial Moctezuma	Francisco Chang	Sierras de Granada 9993	México D.F.	05022	Mexico
5	3	Antonio Moreno Taquería	Antonio Moreno	Mataderos 2312	México D.F.	05023	Mexico
6	15	Comércio Mineiro	Pedro Afonso	Av. dos Lusíadas, 23	São Paulo	05432-043	Brazil
7	21	Familia Arquibaldo	Aria Cruz	Rua Orós, 92	São Paulo	05442-030	Brazil
8	34	Hanari Carnes	Mario Pontes	Rua do Paço, 67	Rio de Janeiro	05454-876	Brazil
9	29	Galería del gastrónomo	Eduardo Saavedra	Rambla de Cataluña, 23	Barcelona	08022	Spain
10	12	Cactus Comidas para llevar	Patricio Simpson	Cerrito 333	Buenos Aires	1010	Argentina
11	27	Franchi S.p.A.	Paolo Accorti	Via Monte Bianco 34	Torino	10100	Italy
12	33	GROSELLA-Restaurante	Manuel Pereira	5ª Ave. Los Palos Grandes	Caracas	1081	Venezuela

```
1 SELECT CustomerID, CustomerName, ContactName
2 FROM xcust
3 LIMIT 10;
4
```

Grid view | Form view

Total rows loaded: 10

	CustomerID	CustomerName	ContactName
1	1	Alfreds Futterkiste	Maria Anders
2	2	Ana Trujillo Emparedados y helados	Ana Trujillo
3	3	Antonio Moreno Taquería	Antonio Moreno
4	4	Around the Horn	Thomas Hardy
5	5	Berglunds snabbköp	Christina Berglund
6	6	Blauer See Delikatessen	Hanna Moos
7	7	Blondel père et fils	Frédérique Citeaux
8	8	Bólido Comidas preparadas	Martín Sommer
9	9	Bon app'	Laurence Lebihans
10	10	Bottom-Dollar Marketse	Elizabeth Lincoln

```sql
1 SELECT City, COUNT(*) as
2 jumlah_pelanggan
3 FROM xcust
4 group by City;
5
```

Grid view | Form view

	City	jumlah_pelanggan
1	Aachen	1
2	Barcelona	1
3	Barquisimeto	1
4	Bergamo	1
5	Berlin	1
6	Bern	1
7	Brandenburg	1
8	Bruxelles	1
9	Bräcke	1
10	Buenos Aires	1
11	Campinas	1
12	Caracas	1

```sql
1 SELECT CustomerName, City, Country
2 FROM xcust;
3
```

Grid view | Form view

Total rows loaded: 50

	CustomerName	City	Country
1	Alfreds Futterkiste	Berlin	Germany
2	Ana Trujillo Emparedados y helados	México D.F.	Mexico
3	Antonio Moreno Taquería	México D.F.	Mexico
4	Around the Horn	London	UK
5	Berglunds snabbköp	Luleå	Sweden
6	Blauer See Delikatessen	Mannheim	Germany
7	Blondel père et fils	Strasbourg	France
8	Bólido Comidas preparadas	Madrid	Spain
9	Bon app'	Marseille	France
10	Bottom-Dollar Marketse	Tsawassen	Canada
11	B\s Beverages	London	UK
12	Cactus Comidas para llevar	Buenos Aires	Argentina

```
1  SELECT CustomerName AS Customer, ContactName AS ContactPerson
2  FROM xcust;
3
```

Grid view | Form view

Total rows loaded: 50

	Customer	ContactPerson
1	Alfreds Futterkiste	Maria Anders
2	Ana Trujillo Emparedados y helados	Ana Trujillo
3	Antonio Moreno Taquería	Antonio Moreno
4	Around the Horn	Thomas Hardy
5	Berglunds snabbköp	Christina Berglund
6	Blauer See Delikatessen	Hanna Moos
7	Blondel père et fils	Frédérique Citeaux
8	Bólido Comidas preparadas	Martín Sommer
9	Bon app'	Laurence Lebihans
10	Bottom-Dollar Marketse	Elizabeth Lincoln
11	B\s Beverages	Victoria Ashworth
12	Cactus Comidas para llevar	Patricio Simpson

```sql
1 SELECT CustomerName AS Customer_A, ProductName AS Product_B
2 FROM xcust, Products
3 WHERE CustomerID = ProductID
4 AND City = CategoryID
5 ORDER BY City;
6
```

Grid view   Form view

⟳ ☑ ☒ |◄ ◄ 1 ► ►| 🖶 | Total rows loaded: 0

| Customer_A | Product_B |

```
1 SELECT DISTINCT Price
2 FROM Products;
3
```

Grid view | Form view

	Price
1	18
2	19
3	10
4	22
5	21.35
6	25
7	30
8	40
9	97
10	31
11	21
12	38

```
1 SELECT PostalCode
2 FROM xcust
3 UNION
4 SELECT SupplierID
5 FROM Products;
6
```

Grid view | Form view

	PostalCode
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	
25	04876-786
26	05021
27	05022
28	05023