

Lab 03 Home Task



Submitted To
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1 Write a query to report orders which were delayed shipping.

Query:

```
SELECT *
FROM Orders
WHERE RequiredDate<ShippedDate;
```

Result:

	OrderID	CustomerID	EmployeeID	OrderDate	RequiredDate	ShippedDate	ShipVia	Freight	ShipName	ShipAddress	ShipCity
11	10451	QUICK	4	1997-02-19 00:00:00.000	1997-03-05 00:00:00.000	1997-03-12 00:00:00.000	3	189.09	QUICK-Stop	Taucherstraße 10	Cunewal
12	10483	WHITC	7	1997-03-24 00:00:00.000	1997-04-21 00:00:00.000	1997-04-25 00:00:00.000	2	15.28	White Clover Markets	1029 - 12th Ave. S.	Seattle
13	10515	QUICK	2	1997-04-23 00:00:00.000	1997-05-07 00:00:00.000	1997-05-23 00:00:00.000	1	204.47	QUICK-Stop	Taucherstraße 10	Cunewal
14	10523	SEVES	7	1997-05-01 00:00:00.000	1997-05-29 00:00:00.000	1997-05-30 00:00:00.000	2	77.63	Seven Seas Imports	90 Wadhurst Rd.	London
15	10545	LAZYK	8	1997-05-22 00:00:00.000	1997-06-19 00:00:00.000	1997-06-26 00:00:00.000	2	11.92	Lazy K Kountry Store	12 Orchestra Terrace	Walla W
16	10578	BSBEV	4	1997-06-24 00:00:00.000	1997-07-22 00:00:00.000	1997-07-25 00:00:00.000	3	29.60	B's Beverages	Fauntleroy Circus	London
17	10593	LEHMS	7	1997-07-09 00:00:00.000	1997-08-06 00:00:00.000	1997-08-13 00:00:00.000	2	174.20	Lehmanns Marktstand	Magazinweg 7	Frankfurt
18	10596	WHITC	8	1997-07-11 00:00:00.000	1997-08-08 00:00:00.000	1997-08-12 00:00:00.000	1	16.34	White Clover Markets	1029 - 12th Ave. S.	Seattle
19	10660	HUNGC	8	1997-09-08 00:00:00.000	1997-10-06 00:00:00.000	1997-10-15 00:00:00.000	1	111.29	Hungry Coyote Import Store	City Center Plaza 516...	Elgin
20	10663	BONAP	2	1997-09-10 00:00:00.000	1997-09-24 00:00:00.000	1997-10-03 00:00:00.000	2	113.15	Bon app'	12, rue des Bouchers	Marseille
21	10687	HUNGO	9	1997-09-30 00:00:00.000	1997-10-28 00:00:00.000	1997-10-30 00:00:00.000	2	296.43	Hungry Owl All-Night Grocers	8 Johnstown Road	Cork
22	10705	HILAA	9	1997-10-15 00:00:00.000	1997-11-12 00:00:00.000	1997-11-18 00:00:00.000	2	3.52	HILARION-Abastos	Camera 22 con Ave. ...	San Crist
23	10726	EASTC	4	1997-11-03 00:00:00.000	1997-11-17 00:00:00.000	1997-12-05 00:00:00.000	1	16.56	Eastern Connection	35 King George	London
24	10727	REGGC	2	1997-11-03 00:00:00.000	1997-12-01 00:00:00.000	1997-12-05 00:00:00.000	1	89.90	Reggiani Caseifici	Strada Provinciale 124	Reggio E
25	10749	ISLAT	4	1997-11-20 00:00:00.000	1997-12-18 00:00:00.000	1997-12-19 00:00:00.000	2	61.53	Island Trading	Garden House Crowt...	Cowes
26	10777	GOURL	7	1997-12-15 00:00:00.000	1997-12-29 00:00:00.000	1998-01-21 00:00:00.000	2	3.01	Gourmet Lanchonetes	Av. Brasil, 442	Campina
27	10779	MORGK	3	1997-12-16 00:00:00.000	1998-01-13 00:00:00.000	1998-01-14 00:00:00.000	2	58.13	Morgenstern Gesundkost	Heerstr. 22	Leipzig
28	10807	FRANS	4	1997-12-31 00:00:00.000	1998-01-28 00:00:00.000	1998-01-30 00:00:00.000	1	1.36	Franchi S.p.A.	Via Monte Bianco 34	Torino
29	10816	GREAL	4	1998-01-06 00:00:00.000	1998-02-03 00:00:00.000	1998-02-04 00:00:00.000	2	719.78	Great Lakes Food Market	2732 Baker Blvd.	Eugene
30	10828	RANCH	9	1998-01-13 00:00:00.000	1998-01-27 00:00:00.000	1998-02-04 00:00:00.000	1	90.85	Rancho grande	Av. del Libertador 900	Buenos .
31	10847	SAVEA	4	1998-01-22 00:00:00.000	1998-02-05 00:00:00.000	1998-02-10 00:00:00.000	3	487.57	Save-a-lot Markets	187 Suffolk Ln.	Boise
32	10924	BERGS	3	1998-03-04 00:00:00.000	1998-04-01 00:00:00.000	1998-04-08 00:00:00.000	2	151.52	Berglunds snabbköp	Berguvsvägen 8	Luleå
33	10927	LACOR	4	1998-03-05 00:00:00.000	1998-04-02 00:00:00.000	1998-04-08 00:00:00.000	1	19.79	La come d'abondance	67, avenue de l'Europe	Versailles
34	10960	HILAA	3	1998-03-19 00:00:00.000	1998-04-02 00:00:00.000	1998-04-08 00:00:00.000	1	2.08	HILARION-Abastos	Carrera 22 con Ave. ...	San Crist
35	10970	BOLID	9	1998-03-24 00:00:00.000	1998-04-07 00:00:00.000	1998-04-24 00:00:00.000	1	16.16	Bóldo Comidas preparadas	C/ Araquil, 67	Madrid

2 Our employees belong to how many countries. List the names.

Query:

```
SELECT Country, Count (Country) as Total_Countries
FROM Employees
Group By Country;
```

Result:

	Country	Total_Countries
1	UK	4
2	USA	4

3 Is there any employee who is not accountable?.

Query:

```
SELECT *  
FROM Employees  
Where ReportsTo is Null;
```

Result:

	EmployeeID	LastName	FirstName	Title	TitleOfCourtesy	BirthDate	HireDate	Address	City	Region	PostalCode	Country	HomePhone
1	2	Fuller	Andrew	Vice President, Sales	Dr.	1952-02-19 00:00:00.000	1992-08-14 00:00:00.000	908 W. Capital Way	Tacoma	WA	98401	USA	(206) 555-1111

4 List the products that have been discontinued.

Query:

```
SELECT *
FROM Products
Where Discontinued = 0;
```

Result:

	ProductID	ProductName	SupplierID	CategoryID	QuantityPerUnit	UnitPrice	UnitsInStock	UnitsOnOrder	ReorderLevel	Discontinued
1	1	Chai	1	1	10 boxes x 20 bags	18.00	39	0	10	0
2	2	Chang	1	1	24 - 12 oz bottles	19.00	17	40	25	0
3	3	Aniseed Syrup	1	2	12 - 550 ml bottles	10.00	13	70	25	0
4	4	Chef Anton's Cajun Seasoning	2	2	48 - 6 oz jars	22.00	53	0	0	0
5	6	Grandma's Boysenberry Spread	3	2	12 - 8 oz jars	25.00	120	0	25	0
6	7	Uncle Bob's Organic Dried Pears	3	7	12 - 1 lb pkgs.	30.00	15	0	10	0
7	8	Northwoods Cranberry Sauce	3	2	12 - 12 oz jars	40.00	6	0	0	0
8	10	Ikura	4	8	12 - 200 ml jars	31.00	31	0	0	0
9	11	Queso Cabrales	5	4	1 kg pkg.	21.00	22	30	30	0
10	12	Queso Manchego La Pastora	5	4	10 - 500 g pkgs.	38.00	86	0	0	0
11	13	Korbu	6	8	2 kg box	6.00	24	0	5	0
12	14	Tofu	6	7	40 - 100 g pkgs.	23.25	35	0	0	0
13	15	Genen Shouyu	6	2	24 - 250 ml bottles	15.50	39	0	5	0
14	16	Pavlova	7	3	32 - 500 g boxes	17.45	29	0	10	0
15	18	Camaron von Tigers	7	8	16 kg pkg.	62.50	42	0	0	0
16	19	Teatime Chocolate Biscuits	8	3	10 boxes x 12 pie...	9.20	25	0	5	0
17	20	Sir Rodney's Marmalade	8	3	30 gift boxes	81.00	40	0	0	0
18	21	Sir Rodney's Scones	8	3	24 pkgs. x 4 pieces	10.00	3	40	5	0
19	22	Gustaf's Knäckebröd	9	5	24 - 500 g pkgs.	21.00	104	0	25	0
20	23	Tunnbröd	9	5	12 - 250 g pkgs.	9.00	61	0	25	0
21	25	NuNuCa Nuß-Nougat-Creme	11	3	20 - 450 g glasses	14.00	76	0	30	0
22	26	Gumbär Gummibärchen	11	3	100 - 250 g bags	31.23	15	0	0	0
23	27	Schoggi Schokolade	11	3	100 - 100 g pieces	43.90	49	0	30	0
24	30	Nord-Ost Matjeshering	13	8	10 - 200 g glasses	25.89	10	0	15	0
25	31	Gorgonzola Telino	14	4	12 - 100 g pkgs	12.50	0	70	20	0
26	32	Mascarpone Fabioli	14	4	24 - 200 g pkgs.	32.00	9	40	25	0
27	33	Geitost	15	4	500 g	2.50	112	0	20	0

Query executed successfully. DESKTOP-BQ42133 (16.0 RTM) DESKTOP-BQ42133\ DELL (70) northwind 00:00:00 69 rows

5 List the IDs of the orders on which discount was not provided.

Query:

```
SELECT OrderID
FROM Orders
Where Discount = 0;
```

Result:

	OrderID
1	10248
2	10248
3	10248
4	10249
5	10249
6	10250
7	10251
8	10252
9	10253
10	10253
11	10253
12	10254
13	10255
14	10255
15	10255
16	10255
17	10256
18	10256
19	10257
20	10257
21	10257
22	10259
23	10259
24	10260
25	10261
26	10261
27	10262

Query executed successfully. | DESKTOP-BQ42133 (16.0 RTM) | DESKTOP-BQ42133\ DELL (72) | northwind | 00:00:00 | 1,107 rows

6 Enlist the names of customers who have not specified their region

Query:

```
SELECT CustomerID  
FROM Customers  
Where Region is Null;
```

Result:

	CustomerID
1	ALFKI
2	ANATR
3	ANTON
4	AROUT
5	BERGS
6	BLAUS
7	BLOMP
8	BOLID
9	BONAP
10	BSBEV
11	CACTU
12	CENTC
13	CHOPS
14	CONSH
15	DRACD
16	DUMON
17	EASTC
18	ERNSH
19	FISSA
20	FOLIG
21	FOLKO
22	FRANK
23	FRANR
24	FRANS

Query executed successfully. | DESKTOP-BQ42133 (16.0 RTM) | DESKTOP-BQ42133\ DELL (80) | northwind | 00:00:00 | 60 rows

7 Enlist the names of customers along with contact number who either belongs to the UK or US

Query:

```
SELECT CustomerID,Phone  
FROM Customers  
Where Country = 'UK' or Country ='US';
```

Result:

	CustomerID	Phone
1	ALFKI	030-0074321
2	ANATR	(5) 555-4729
3	ANTON	(5) 555-3932
4	AROUT	(171) 555-7788
5	BERGS	0921-12 34 65
6	BLAUS	0621-08460
7	BLONP	88.60.15.31
8	BOLID	(91) 555 22 82
9	BONAP	91.24.45.40
10	BOTTM	(604) 555-4729
11	BSBEV	(171) 555-1212
12	CACTU	(1) 135-5555
13	CENTC	(5) 555-3392
14	CHOPS	0452-076545
15	COMMI	(11) 555-7647
16	CONSH	(171) 555-2282
17	DRACD	0241-039123
18	DUMON	40.67.88.88
19	EASTC	(171) 555-0297
20	ERNSH	7675-3425
21	FAMIA	(11) 555-9857
22	FISSA	(91) 555 94 44
23	FOLIG	20.16.10.16
24	FOLKO	0695-34 67 21
25	FRANK	089-0877310
26	FRANR	40.32.21.21
27	FRANS	011-4988260

Query executed successfully. DESKTOP-BQ42133 (16.0 RTM) DESKTOP-BQ42133\Dell (80) northwind 00:00:00 91 rows

8 Report the names of companies who have provided their web page.

Query:

```
SELECT CompanyName
FROM Suppliers
Where HomePage IS NOT NULL;
```

Result:

Results Messages	
	CompanyName
1	New Orleans Cajun Delights
2	Mayumi's
3	Plutzer Lebensmittelgroßmärkte AG
4	Formaggi Fortini s.r.l.
5	G'day, Mate

Query executed successfully. | DESKTOP-BQ42133 (16.0 RTM) | DESKTOP-BQ42133\Dell (80) | northwind | 00:00:00 | 5 rows

9 In which countries, were products sold in the year 1997?

Query:

```
SELECT ShipCountry  
FROM Orders  
Where ShippedDate Like '%1997%' ;
```

Result:

	ShipCountry
1	Ireland
2	Austria
3	Venezuela
4	Portugal
5	USA
6	Denmark
7	Austria
8	Austria
9	Italy
10	Brazil
11	Germany
12	France
13	Argentina
14	Canada
15	Canada
16	Finland
17	France
18	Brazil
19	USA
20	Finland
21	Denmark
22	Germany
23	Switzerland
24	Brazil
25	Brazil
26	Italy
27	Brazil

Query executed successfully. | DESKTOP-BQ42133 (16.0 RTM) | DESKTOP-BQ42133\ Dell (80) | northwind | 00:00:00 | 342 rows

10 List the ids of customers whose orders were never shipped.

Query:

```
SELECT CustomerID
FROM Orders
Where ShippedDate IS NULL;
```

Result:

Results		Messages
	CustomerID	
1	ERNSH	
2	RANCH	
3	GREAL	
4	BOTTM	
5	LAMAI	
6	CACTU	
7	BLAUS	
8	RICAR	
9	GREAL	
10	REGGC	
11	LILAS	
12	QUEEN	
13	LEHMS	
14	ERNSH	
15	PERIC	
16	SIMOB	
17	RICSU	
18	BONAP	

Query executed successfully. | DESKTOP-BQ42133 (16.0 RTM) | DESKTOP-BQ42133\ Dell (80) | northwind | 00:00:00 | 18 rows

11 Write a query to report suppliers with their id, company name, and city

Query:

```
SELECT SupplierID,CompanyName,City  
FROM Supplies
```

Result:

Results		Messages	
	SupplierID	CompanyName	City
1	1	Exotic Liquids	London
2	2	New Orleans Cajun Delights	New Orleans
3	3	Grandma Kelly's Homestead	Ann Arbor
4	4	Tokyo Traders	Tokyo
5	5	Cooperativa de Quesos 'Las Cabras'	Oviedo
6	6	Mayumi's	Osaka
7	7	Pavlova, Ltd.	Melbourne
8	8	Specialty Biscuits, Ltd.	Manchester
9	9	PB Knäckebröd AB	Göteborg
10	10	Refrescos Americanas LTDA	Sao Paulo
11	11	Heli Süßwaren GmbH & Co. KG	Berlin
12	12	Plutzer Lebensmittelgroßmärkte AG	Frankfurt
13	13	Nord-Ost-Fisch Handelsgesellschaft mbH	Cuxhaven
14	14	Formaggi Fortini s.r.l.	Ravenna
15	15	Norske Meierier	Sandvika
16	16	Bigfoot Breweries	Bend
17	17	Svensk Sjöföda AB	Stockholm
18	18	Aux joyeux ecclésiastiques	Paris
19	19	New England Seafood Cannery	Boston
20	20	Leka Trading	Singapore
21	21	Lyngbysild	Lyngby
22	22	Zaanse Snoepfabriek	Zaandam
23	23	Karkki Oy	Lappeenra...
24	24	G'day, Mate	Sydney
25	25	Ma Maison	Montréal
26	26	Pasta Buttini s.r.l.	Salemo
27	27	Escaroots Nouveaux	Montceau

Query executed successfully. DESKTOP-BQ42133 (16.0 RTM) DESKTOP-BQ42133\Dell (80) northwind 00:00:00 29 rows

12 Our employees belong to how many countries. List those who are used to living in London.

Query:

```
SELECT *
FROM Employees
Where City='London';
```

Result:

Results Messages

	EmployeeID	LastName	FirstName	Title	TitleOfCourtesy	BirthDate	HireDate	Address	City	Region	PostalCode	Co
1	5	Buchanan	Steven	Sales Manager	Mr.	1955-03-04 00:00:00.000	1993-10-17 00:00:00.000	14 Garrett Hill	London	NULL	SW1 8JR	U
2	6	Suyama	Michael	Sales Representative	Mr.	1963-07-02 00:00:00.000	1993-10-17 00:00:00.000	Coventry House, Minner Rd.	London	NULL	EC2 7JR	U
3	7	King	Robert	Sales Representative	Mr.	1960-05-29 00:00:00.000	1994-01-02 00:00:00.000	Edgeham Hollow, Winchester Way	London	NULL	RG1 9SP	U
4	9	Dodsworth	Anne	Sales Representative	Ms.	1966-01-27 00:00:00.000	1994-11-15 00:00:00.000	7 Houndstooth Rd.	London	NULL	WG2 7LT	U

13 List the products that have not been discontinued.

Query:

```
SELECT *  
FROM Products  
Where Discountinued <> 0;
```

Result:

Results Messages										
	ProductID	ProductName	SupplierID	CategoryID	QuantityPerUnit	UnitPrice	UnitsInStock	UnitsOnOrder	ReorderLevel	Discontinued
1	5	Chef Anton's Gumbo Mix	2	2	36 boxes	21.35	0	0	0	1
2	9	Mishi Kobe Niku	4	6	18 - 500 g pkgs.	97.00	29	0	0	1
3	17	Alice Mutton	7	6	20 - 1 kg tins	39.00	0	0	0	1
4	24	Guaraná Fantástica	10	1	12 - 355 ml cans	4.50	20	0	0	1
5	28	Rössle Sauerkraut	12	7	25 - 825 g cans	45.60	26	0	0	1
6	29	Thüringer Rostbratwurst	12	6	50 bags x 30 sausgs.	123.79	0	0	0	1
7	42	Singaporean Hokkien Fried Mee	20	5	32 - 1 kg pkgs.	14.00	26	0	0	1
8	53	Perth Pasties	24	6	48 pieces	32.80	0	0	0	1

Query executed successfully. | DESKTOP-BQ42133 (16.0 RTM) | DESKTOP-BQ42133\ Dell (80) | northwind | 00:00:00 | 8 rows

14 List the IDs of the orders on which the discount was 0.1 or less.

Query:

```
SELECT OrderID
FROM [Order Details]
Where Discount <= 0.1;
```

Result:

	OrderID
1	10248
2	10248
3	10248
4	10249
5	10249
6	10250
7	10251
8	10251
9	10251
10	10252
11	10252
12	10252
13	10253
14	10253
15	10253
16	10254
17	10255
18	10255
19	10255
20	10255
21	10256
22	10256
23	10257
24	10257
25	10257
26	10259
27	10259

Query executed successfully. | DESKTOP-BQ42133 (16.0 RTM) | DESKTOP-BQ42133\Debi (80) | northwind | 00:00:00 | 1,397 rows

15 Enlist the IDS, names of employees, and their contact numbers with extensions that have not specified their region.

Query:

```
SELECT EmployeeID,FirstName,LastName,HomePhone,Extension
FROM Employees
Where Region IS NULL;
```

Result:

Results		Messages			
	EmployeeID	FirstName	LastName	HomePhone	Extension
1	5	Steven	Buchanan	(71) 555-4848	3453
2	6	Michael	Suyama	(71) 555-7773	428
3	7	Robert	King	(71) 555-5598	465
4	9	Anne	Dodsworth	(71) 555-4444	452

Query executed successfully. | DESKTOP-BQ42133 (16.0 RTM) | DESKTOP-BQ42133(Dell (80)) | northwind | 00:00:00 | 4 rows