

```

1  ---cau 1
2  SELECT Sup.Id,Sup.CompanyName,
3         Sup.ContactName,Sup.City,
4         Sup.Country,Sup.Phone,
5         MAX(P.UnitPrice) AS MaxPrice,
6         MIN(P.UnitPrice) AS MinPrice
7  FROM Supplier AS Sup
8  INNER JOIN [Product] AS P ON Sup.Id = P.SupplierId
9  GROUP BY Sup.Id,Sup.CompanyName,
10         Sup.ContactName,Sup.City,
11         Sup.Country,Sup.Phone
12  ORDER BY Sup.Id
13

```

100 %

Results

Messages

	Id	CompanyName	ContactName	City	Country	Phone	MaxPrice	MinPrice
1	1	Exotic Liquids	Charlotte Cooper	London	UK	(171) 555-2222	19.00	10.00
2	2	New Orleans Cajun Delights	Shelley Burke	New Orleans	USA	(100) 555-4822	22.00	17.00
3	3	Grandma Kelly's Homestead	Regina Murphy	Ann Arbor	USA	(313) 555-5735	40.00	25.00
4	4	Tokyo Traders	Yoshi Nagase	Tokyo	Japan	(03) 3555-5011	97.00	10.00
5	5	Cooperativa de Quesos 'Las Cabras'	Antonio del Valle Saavedra	Oviedo	Spain	(98) 598 76 54	38.00	21.00
6	6	Mayumi's	Mayumi Ohno	Osaka	Japan	(06) 431-7877	23.25	6.00
7	7	Pavlova, Ltd.	Ian Devling	Melbourne	Australia	(03) 444-2343	62.50	15.00
8	8	Specialty Biscuits, Ltd.	Peter Wilson	Manchester	UK	(161) 555-4448	81.00	9.20
9	9	PB Knäckebröd AB	Lars Peterson	Göteborg	Sweden	031-987 65 43	21.00	9.00
10	10	Refrescos Americanas LTDA	Carlos Diaz	Sao Paulo	Brazil	(11) 555 4640	4.50	4.50
11	11	Heli Süßwaren GmbH & Co. KG	Petra Winkler	Berlin	Germany	(010) 9984510	43.90	14.00
12	12	Plutzer Lebensmittelgroßmärkte AG	Martin Bein	Frankfurt	Germany	(069) 992755	123.79	7.75
13	13	Nord-Ost-Fisch Handelsgesellschaft mbH	Sven Petersen	Cuxhaven	Germany	(04721) 8713	25.89	25.89
14	14	Fornaggi Fortini s.r.l.	Elio Rossi	Ravenna	Italy	(0544) 60323	34.80	12.50
15	15	Norske Meierier	Beate Vileid	Sandvika	Norway	(0)2-953010	36.00	2.50
16	16	Bigfoot Breweries	Cheryl Saylor	Bend	USA	(503) 555-9931	18.00	14.00
17	17	Svensk Sjöföda AB	Michael Björn	Stockholm	Sweden	08-123 45 67	26.00	15.00
18	18	Aux joyeux ecclésiastiques	Guyllène Nodier	Paris	France	(1) 03.83.00.68	263.50	18.00
19	19	New England Seafood Cannery	Robb Merchant	Boston	USA	(617) 555-3267	18.40	9.65
20	20	Leka Trading	Chandra Leka	Singapore	Singap...	555-8787	46.00	14.00
21	21	Lyngbysild	Niels Petersen	Lyngby	Denmark	43844108	12.00	9.50
22	22	Zaanse Snoepfabriek	Dirk Luchte	Zaandam	Netherl...	(12345) 1212	12.75	9.50
23	23	Karkki Oy	Anne Heikkonen	Lappeenra...	Finland	(953) 10956	20.00	16.25
24	24	G'day, Mate	Wendy Mackenzie	Sydney	Australia	(02) 555-5914	53.00	7.00
25	25	Ma Maison	Jean-Guy Lauzon	Montréal	Canada	(514) 555-9022	24.00	7.45
26	26	Pasta Buttini s.r.l.	Giovanni Giudici	Salemo	Italy	(089) 6547665	38.00	19.50
27	27	Escargots Nouveaux	Marie Delamare	Montceau	France	85.57.00.07	13.25	13.25
28	28	Gai pâturage	Eliane Noz	Annecy	France	38.76.98.06	55.00	34.00
29	29	Forêts d'érables	Chantal Goulet	Ste-Hyacin...	Canada	(514) 555-2955	49.30	28.50

```

15  ---cau 2
16  SELECT Sup.Id, Sup.CompanyName,
17         Sup.ContactName, Sup.City,
18         Sup.Country, Sup.Phone,
19         MAX(P.UnitPrice) AS MaxPrice,
20         MIN(P.UnitPrice) AS MinPrice
21  FROM Supplier AS Sup
22  INNER JOIN [Product] AS P ON Sup.Id = P.SupplierId
23  GROUP BY Sup.Id, Sup.CompanyName,
24         Sup.ContactName, Sup.City,
25         Sup.Country, Sup.Phone
26  HAVING (Max(P.UnitPrice)-MIN(P.UnitPrice)) <= 30
27  ORDER BY Sup.Id

```

100 %

Results

Messages

	Id	CompanyName	ContactName	City	Country	Phone	MaxPrice	MinPrice
1	1	Exotic Liquids	Charlotte Cooper	London	UK	(171) 555-2222	19.00	10.00
2	2	New Orleans Cajun Delights	Shelley Burke	New Orleans	USA	(100) 555-4822	22.00	17.00
3	3	Grandma Kelly's Homestead	Regina Murphy	Ann Arbor	USA	(313) 555-5735	40.00	25.00
4	5	Cooperativa de Quesos 'Las Cabras'	Antonio del Valle Saavedra	Oviedo	Spain	(98) 598 76 54	38.00	21.00
5	6	Mayumi's	Mayumi Ohno	Osaka	Japan	(06) 431-7877	23.25	6.00
6	9	PB Knäckebröd AB	Lars Peterson	Göteborg	Sweden	031-987 65 43	21.00	9.00
7	10	Refrescos Americanas LTDA	Carlos Diaz	Sao Paulo	Brazil	(11) 555 4640	4.50	4.50
8	11	Heli Süßwaren GmbH & Co. KG	Petra Winkler	Berlin	Germany	(010) 9984510	43.90	14.00
9	13	Nord-Ost-Fisch Handelsgesellschaft mbH	Sven Petersen	Cuxhaven	Germany	(04721) 8713	25.89	25.89
10	14	Fomaggi Fortini s.r.l.	Elio Rossi	Ravenna	Italy	(0544) 60323	34.80	12.50
11	16	Bigfoot Breweries	Cheryl Saylor	Bend	USA	(503) 555-9931	18.00	14.00
12	17	Svensk Sjöföda AB	Michael Björn	Stockholm	Sweden	08-123 45 67	26.00	15.00
13	19	New England Seafood Cannery	Robb Merchant	Boston	USA	(617) 555-3267	18.40	9.65
14	21	Lyngbysild	Niels Petersen	Lyngby	Denmark	43844108	12.00	9.50
15	22	Zaanse Snoepfabriek	Dirk Luchte	Zaandam	Netherlands	(12345) 1212	12.75	9.50
16	23	Karkki Oy	Anne Heikkonen	Lappeenranta	Finland	(953) 10956	20.00	16.25
17	25	Ma Maison	Jean-Guy Lauzon	Montréal	Canada	(514) 555-9022	24.00	7.45
18	26	Pasta Buttini s.r.l.	Giovanni Giudici	Salemo	Italy	(089) 6547665	38.00	19.50
19	27	Escargots Nouveaux	Marie Delamare	Montceau	France	85.57.00.07	13.25	13.25
20	28	Gai pâturage	Eliane Noz	Annecy	France	38.76.98.06	55.00	34.00
21	29	Forêts d'érables	Chantal Goulet	Ste-Hyacinthe	Canada	(514) 555-2955	49.30	28.50

```

30  ---cau 3
31  SELECT Ord.Id, Ord.OrderNumber, Ord.OrderDate,
32         SUM(OrdI.UnitPrice*OrdI.Quantity) AS Total,
33         'VIP' AS [Description]
34  FROM [Order] AS Ord
35  INNER JOIN [OrderItem] AS OrdI ON Ord.Id = OrdI.OrderId
36  GROUP BY Ord.Id, Ord.OrderNumber, Ord.OrderDate
37  HAVING SUM(OrdI.UnitPrice*OrdI.Quantity) > 1500
38  UNION
39  SELECT Ord.Id, Ord.OrderNumber, Ord.OrderDate,
40         SUM(OrdI.UnitPrice*OrdI.Quantity) AS Total,
41         'Normal' AS [Description]
42  FROM [Order] AS Ord
43  INNER JOIN [OrderItem] AS OrdI ON Ord.Id = OrdI.OrderId
44  GROUP BY Ord.Id, Ord.OrderNumber, Ord.OrderDate
45  HAVING SUM(OrdI.UnitPrice*OrdI.Quantity) < 1500

```

100 %

Results Messages

	Id	OrderNumber	OrderDate	Total	Description
1	1	542378	2012-07-04 00:00:00.000	440.00	Normal
2	2	542379	2012-07-05 00:00:00.000	1863.40	VIP
3	3	542380	2012-07-08 00:00:00.000	1813.00	VIP
4	4	542381	2012-07-08 00:00:00.000	670.80	Normal
5	5	542382	2012-07-09 00:00:00.000	3730.00	VIP
6	6	542383	2012-07-10 00:00:00.000	1444.80	Normal
7	7	542384	2012-07-11 00:00:00.000	625.20	Normal
8	8	542385	2012-07-12 00:00:00.000	2490.50	VIP
9	9	542386	2012-07-15 00:00:00.000	517.80	Normal
10	10	542387	2012-07-16 00:00:00.000	1119.90	Normal
11	11	542388	2012-07-17 00:00:00.000	2018.60	VIP
12	12	542389	2012-07-18 00:00:00.000	100.80	Normal
13	13	542390	2012-07-19 00:00:00.000	1746.20	VIP
14	14	542391	2012-07-19 00:00:00.000	448.00	Normal
15	15	542392	2012-07-22 00:00:00.000	624.80	Normal
16	16	542393	2012-07-23 00:00:00.000	2464.80	VIP
17	17	542394	2012-07-24 00:00:00.000	724.50	Normal
18	18	542395	2012-07-25 00:00:00.000	1176.00	Normal
19	19	542396	2012-07-26 00:00:00.000	364.80	Normal
20	20	542397	2012-07-29 00:00:00.000	4031.00	VIP
21	21	542398	2012-07-30 00:00:00.000	1101.20	Normal
22	22	542399	2012-07-31 00:00:00.000	676.00	Normal
23	23	542400	2012-08-01 00:00:00.000	1376.00	Normal
24	24	542401	2012-08-01 00:00:00.000	48.00	Normal
25	25	542402	2012-08-02 00:00:00.000	1456.00	Normal
26	26	542403	2012-08-05 00:00:00.000	2142.40	VIP
27	27	542404	2012-08-06 00:00:00.000	538.60	Normal


```

49 ---cau 4
50 SELECT Id, OrderNumber, OrderDate
51 FROM [Order]
52 WHERE MONTH(OrderDate) = 7
53 EXCEPT
54 SELECT Ord.Id, Ord.OrderNumber, Ord.OrderDate
55 FROM [Order] AS Ord
56 INNER JOIN [Customer] AS C ON Ord.CustomerId = C.Id
57 WHERE Country = 'France';

```

100 %

		Results		Messages
	Id	OrderNumber	OrderDate	
1	2	542379	2012-07-05 00:00:00.000	
2	3	542380	2012-07-08 00:00:00.000	
3	5	542382	2012-07-09 00:00:00.000	
4	6	542383	2012-07-10 00:00:00.000	
5	7	542384	2012-07-11 00:00:00.000	
6	8	542385	2012-07-12 00:00:00.000	
7	9	542386	2012-07-15 00:00:00.000	
8	10	542387	2012-07-16 00:00:00.000	
9	11	542388	2012-07-17 00:00:00.000	
10	12	542389	2012-07-18 00:00:00.000	
11	13	542390	2012-07-19 00:00:00.000	
12	14	542391	2012-07-19 00:00:00.000	
13	15	542392	2012-07-22 00:00:00.000	
14	16	542393	2012-07-23 00:00:00.000	
15	17	542394	2012-07-24 00:00:00.000	
16	19	542396	2012-07-26 00:00:00.000	
17	20	542397	2012-07-29 00:00:00.000	
18	21	542398	2012-07-30 00:00:00.000	
19	22	542399	2012-07-31 00:00:00.000	
20	338	542715	2013-07-01 00:00:00.000	
21	339	542716	2013-07-02 00:00:00.000	
22	340	542717	2013-07-02 00:00:00.000	
23	341	542718	2013-07-03 00:00:00.000	
24	342	542719	2013-07-04 00:00:00.000	
25	343	542720	2013-07-07 00:00:00.000	
26	344	542721	2013-07-07 00:00:00.000	
27	345	542722	2013-07-08 00:00:00.000	
28	346	542723	2013-07-09 00:00:00.000	
29	347	542724	2013-07-09 00:00:00.000	
30	348	542725	2013-07-10 00:00:00.000	
31	349	542726	2013-07-11 00:00:00.000	
32	350	542727	2013-07-11 00:00:00.000	
33	351	542728	2013-07-14 00:00:00.000	

```

58
59 ---cau 5
60 SELECT Id, OrderNumber, OrderDate, TotalAmount
61 FROM [Order]
62 WHERE TotalAmount IN (SELECT TOP 5 TotalAmount
63                        FROM [Order]
64                        GROUP BY TotalAmount
65                        ORDER BY COUNT(Id) DESC)
66

```

100 %



Results



Messages

	Id	OrderNumber	OrderDate	TotalAmount
1	29	542406	2012-08-08 00:00:00.000	420.00
2	129	542506	2012-12-09 00:00:00.000	420.00
3	187	542564	2013-02-03 00:00:00.000	360.00
4	249	542626	2013-04-04 00:00:00.000	200.00
5	273	542650	2013-04-29 00:00:00.000	200.00
6	339	542716	2013-07-02 00:00:00.000	28.00
7	427	542804	2013-09-18 00:00:00.000	45.00
8	485	542862	2013-11-06 00:00:00.000	360.00
9	520	542897	2013-12-05 00:00:00.000	28.00
10	550	542927	2013-12-25 00:00:00.000	420.00
11	653	543030	2014-02-20 00:00:00.000	45.00
12	658	543035	2014-02-24 00:00:00.000	360.00
13	693	543070	2014-03-11 00:00:00.000	360.00
14	793	543170	2014-04-22 00:00:00.000	200.00
15	804	543181	2014-04-27 00:00:00.000	45.00
16	810	543187	2014-04-29 00:00:00.000	45.00
17	822	543199	2014-05-04 00:00:00.000	360.00