Introductory Problem

1.)Which shippers do we have?

We have a table called Shippers. Return all the fields from all the shippers

In [16]:

```
Select * From Shippers
```

(3 rows affected)

Total execution time: 00:00:00.010

Out[16]:

ShipperID	CompanyName	Phone
1	Speedy Express	(503) 555-9831
2	United Package	(503) 555-3199
3	Federal Shipping	(503) 555-9931

2.) Certain fields from Categories

In the Categories table, selecting all the fields using this SQL: Select * from Categories …will return 4 columns. We only want to see two columns, CategoryName and Description

In [17]:

```
Select
CategoryName
,Description
from Categories
```

(8 rows affected)

Total execution time: 00:00:00.003

Out[17]:

CategoryName	Description
Beverages	Soft drinks, coffees, teas, beers, and ales
Condiments	Sweet and savory sauces, relishes, spreads, and seasonings
Confections	Desserts, candies, and sweet breads
Dairy Products	Cheeses
Grains/Cereals	Breads, crackers, pasta, and cereal
Meat/Poultry	Prepared meats
Produce	Dried fruit and bean curd
Seafood	Seaweed and fish

3.) Sales Representatives

We'd like to see just the FirstName, LastName, and HireDate of all the employees with the Title of Sales Representative. Write a SQL statement that returns only those employees.

In [18]:

```sql
Select
FirstName
,LastName
,HireDate
From Employees
Where
Title = 'Sales Representative'
```

(6 rows affected)

Total execution time: 00:00:00.006

Out[18]:

FirstName	LastName	HireDate
Nancy	Davolio	2010-05-01 00:00:00.000
Janet	Leverling	2010-04-01 00:00:00.000
Margaret	Peacock	2011-05-03 00:00:00.000
Michael	Suyama	2011-10-17 00:00:00.000
Robert	King	2012-01-02 00:00:00.000
Anne	Dodsworth	2012-11-15 00:00:00.000

4.) Sales Representatives in the United States

Now we'd like to see the same columns as above, but only for those employees that both have the title of Sales Representative, and also are in the United States

In [19]:

```sql
Select
FirstName
,LastName
,HireDate
From Employees
Where
Title = 'Sales Representative'
and Country = 'USA'
```

(3 rows affected)

Total execution time: 00:00:00.007

Out[19]:

FirstName	LastName	HireDate
Nancy	Davolio	2010-05-01 00:00:00.000
Janet	Leverling	2010-04-01 00:00:00.000
Margaret	Peacock	2011-05-03 00:00:00.000

5.) Orders placed by specific EmployeeID

Show all the orders placed by a specific employee. The EmployeeID for this Employee (Steven Buchanan) is 5

In [20]:

```sql
Select
OrderID
,OrderDate
From Orders
Where
EmployeeID = 5
```

In [20]:

```sql
Select
OrderID
,OrderDate
From Orders
Where
```

(42 rows affected)

Total execution time: 00:00:00.019

Out[20]:

OrderID	OrderDate
10248	2014-07-04 08:00:00.000
10254	2014-07-11 02:00:00.000
10269	2014-07-31 00:00:00.000
10297	2014-09-04 21:00:00.000
10320	2014-10-03 12:00:00.000
10333	2014-10-18 18:00:00.000
10358	2014-11-20 05:00:00.000
10359	2014-11-21 14:00:00.000
10372	2014-12-04 10:00:00.000
10378	2014-12-10 00:00:00.000
10397	2014-12-27 17:00:00.000
10463	2015-03-04 13:00:00.000
10474	2015-03-13 16:00:00.000
10477	2015-03-17 02:00:00.000
10529	2015-05-07 01:00:00.000
10549	2015-05-27 03:00:00.000
10569	2015-06-16 15:00:00.000
10575	2015-06-20 22:00:00.000
10607	2015-07-22 09:00:00.000
10648	2015-08-28 22:00:00.000
10649	2015-08-28 00:00:00.000
10650	2015-08-29 06:00:00.000
10654	2015-09-02 07:00:00.000
10675	2015-09-19 06:00:00.000
10711	2015-10-21 03:00:00.000
10714	2015-10-22 03:00:00.000
10721	2015-10-29 08:00:00.000
10730	2015-11-05 07:00:00.000
10761	2015-12-02 08:00:00.000
10812	2016-01-02 02:00:00.000
10823	2016-01-09 17:00:00.000
10841	2016-01-20 21:00:00.000
10851	2016-01-26 00:00:00.000
10866	2016-02-03 01:00:00.000
10869	2016-02-04 09:00:00.000
10870	2016-02-04 12:00:00.000
10872	2016-02-05 06:00:00.000

    10874   2016-02-06 14:00:00.000

    10899   2016-02-20 09:00:00.000

    10922   2016-03-03 02:00:00.000

    10954   2016-03-17 16:00:00.000

    11043   2016-04-22 17:00:00.000

6.) Suppliers and ContactTitles

In the Suppliers table, show the SupplierID, ContactName, and ContactTitle for those Suppliers whose ContactTitle is not Marketing Manager.

In [21]:

```sql
Select
SupplierID
,ContactName
,ContactTitle
From Suppliers
Where
ContactTitle <> 'Marketing Manager'
```

(24 rows affected)

Total execution time: 00:00:00.019

Out[21]:

SupplierID	ContactName	ContactTitle
1	Charlotte Cooper	Purchasing Manager
2	Shelley Burke	Order Administrator
3	Regina Murphy	Sales Representative
5	Antonio del Valle Saavedra	Export Administrator
6	Mayumi Ohno	Marketing Representative
8	Peter Wilson	Sales Representative
9	Lars Peterson	Sales Agent
11	Petra Winkler	Sales Manager
12	Martin Bein	International Marketing Mgr.
13	Sven Petersen	Coordinator Foreign Markets
14	Elio Rossi	Sales Representative
16	Cheryl Saylor	Regional Account Rep.
17	Michael Björn	Sales Representative
18	Guylène Nodier	Sales Manager
19	Robb Merchant	Wholesale Account Agent
20	Chandra Leka	Owner
21	Niels Petersen	Sales Manager
22	Dirk Luchte	Accounting Manager
23	Anne Heikkonen	Product Manager
24	Wendy Mackenzie	Sales Representative
26	Giovanni Giudici	Order Administrator
27	Marie Delamare	Sales Manager
28	Eliane Noz	Sales Representative
29	Chantal Goulet	Accounting Manager

7.) Products with "queso" in ProductName

In the products table, we'd like to see the ProductID and ProductName for those products where the ProductName includes the string "queso".

In [22]:

```sql
Select
ProductID
,ProductName
From Products
Where
ProductName like '%queso%'
```

(2 rows affected)

Total execution time: 00:00:00.041

Out[22]:

ProductID	ProductName
11	Queso Cabrales
12	Queso Manchego La Pastora

8.) Orders shipping to France or Belgium

Looking at the Orders table, there's a field called ShipCountry. Write a query that shows the OrderID, CustomerID, and ShipCountry for the orders where the ShipCountry is either France or Belgium.

In [23]:

```sql
Select
OrderID
,CustomerID
,ShipCountry
From Orders
where
ShipCountry = 'France'
or ShipCountry = 'Belgium'
```

(96 rows affected)

Total execution time: 00:00:00.038

Out[23]:

OrderID	CustomerID	ShipCountry
10248	VINET	France
10251	VICTE	France
10252	SUPRD	Belgium
10265	BLONP	France
10274	VINET	France
10295	VINET	France
10297	BLONP	France
10302	SUPRD	Belgium
10311	DUMON	France
10331	BONAP	France
10334	VICTE	France
10340	BONAP	France
10350	LAMAI	France
10358	LAMAI	France
10360	BLONP	France
10362	BONAP	France
10371	LAMAI	France
10408	FOLIG	France
10413	LAMAI	France
10425	LAMAI	France
10436	BLONP	France
10449	BLONP	France
10450	VICTE	France
10454	LAMAI	France
10458	SUPRD	Belgium
10459	VICTE	France
10463	SUPRD	Belgium
10470	BONAP	France
10475	SUPRD	Belgium
10478	VICTE	France
10480	FOLIG	France
10493	LAMAI	France
10500	LAMAI	France
10511	BONAP	France
10525	BONAP	France
10529	MAISD	Belgium
10546	VICTE	France

10559	BLONP	France
10566	BLONP	France
10584	BLONP	France
10609	DUMON	France
10610	LAMAI	France
10628	BLONP	France
10631	LAMAI	France
10634	FOLIG	France
10649	MAISD	Belgium
10663	BONAP	France
10671	FRANR	France
10679	BLONP	France
10683	DUMON	France
10715	BONAP	France
10730	BONAP	France
10732	BONAP	France
10737	VINET	France
10738	SPECD	France
10739	VINET	France
10755	BONAP	France
10760	MAISD	Belgium
10763	FOLIG	France
10767	SUPRD	Belgium
10787	LAMAI	France
10789	FOLIG	France
10806	VICTE	France
10814	VICTE	France
10826	BLONP	France
10827	BONAP	France
10832	LAMAI	France
10841	SUPRD	Belgium
10843	VICTE	France
10846	SUPRD	Belgium
10850	VICTE	France
10858	LACOR	France
10860	FRANR	France
10871	BONAP	France
10876	BONAP	France
10885	SUPRD	Belgium
10890	DUMON	France

10892	MAISD	Belgium
10896	MAISD	Belgium
10907	SPECD	France
10923	LAMAI	France
10927	LACOR	France
10930	SUPRD	Belgium
10932	BONAP	France
10940	BONAP	France
10964	SPECD	France
10971	FRANR	France
10972	LACOR	France
10973	LACOR	France
10978	MAISD	Belgium
11004	MAISD	Belgium
11035	SUPRD	Belgium
11038	SUPRD	Belgium
11043	SPECD	France
11051	LAMAI	France
11076	BONAP	France

9.) Orders shipping to any country in Latin America

Now, instead of just wanting to return all the orders from France of Belgium, we want to show all the orders from any Latin American country. But we don't have a list of Latin American countries in a table in the Northwind database. So, we're going to just use this list of Latin American countries that happen to be in the Orders table: Brazil Mexico Argentina Venezuela It doesn't make sense to use multiple Or statements anymore, it would get too convoluted. Use the In statement.

In [24]:

```sql
Select
OrderID
,CustomerID
,ShipCountry
From Orders
where
ShipCountry in
(
'Brazil'
,'Mexico'
,'Argentina'
,'Venezuela'
)
```

In [24]:

```sql
Select
OrderID
,CustomerID
,ShipCountry
From Orders
```

(173 rows affected)

Total execution time: 00:00:00.011

Out[24]:

OrderID	CustomerID	ShipCountry
10250	HANAR	Brazil
10253	HANAR	Brazil
10256	WELLI	Brazil
10257	HILAA	Venezuela
10259	CENTC	Mexico
10261	QUEDE	Brazil
10268	GROSR	Venezuela
10276	TORTU	Mexico
10283	LILAS	Venezuela
10287	RICAR	Brazil
10290	COMMI	Brazil
10291	QUEDE	Brazil
10292	TRADH	Brazil
10293	TORTU	Mexico
10296	LILAS	Venezuela
10299	RICAR	Brazil
10304	TORTU	Mexico
10308	ANATR	Mexico
10319	TORTU	Mexico
10322	PERIC	Mexico
10330	LILAS	Venezuela
10347	FAMIA	Brazil
10354	PERIC	Mexico
10357	LILAS	Venezuela
10365	ANTON	Mexico
10372	QUEEN	Brazil
10379	QUEDE	Brazil
10381	LILAS	Venezuela
10386	FAMIA	Brazil
10395	HILAA	Venezuela
10405	LINOD	Venezuela
10406	QUEEN	Brazil
10409	OCEAN	Argentina
10414	FAMIA	Brazil
10420	WELLI	Brazil
10421	QUEDE	Brazil
10423	GOURL	Brazil

10447	RICAR	Brazil
10448	RANCH	Argentina
10461	LILAS	Venezuela
10466	COMMI	Brazil
10474	PERIC	Mexico
10476	HILAA	Venezuela
10481	RICAR	Brazil
10485	LINOD	Venezuela
10486	HILAA	Venezuela
10487	QUEEN	Brazil
10490	HILAA	Venezuela
10494	COMMI	Brazil
10496	TRADH	Brazil
10498	HILAA	Venezuela
10499	LILAS	Venezuela
10502	PERIC	Mexico
10507	ANTON	Mexico
10512	FAMIA	Brazil
10518	TORTU	Mexico
10521	CACTU	Argentina
10531	OCEAN	Argentina
10535	ANTON	Mexico
10541	HANAR	Brazil
10543	LILAS	Venezuela
10552	HILAA	Venezuela
10563	RICAR	Brazil
10573	ANTON	Mexico
10576	TORTU	Mexico
10581	FAMIA	Brazil
10585	WELLI	Brazil
10587	QUEDE	Brazil
10601	HILAA	Venezuela
10606	TRADH	Brazil
10613	HILAA	Venezuela
10622	RICAR	Brazil
10625	ANATR	Mexico
10637	QUEEN	Brazil
10638	LINOD	Venezuela
10641	HILAA	Venezuela
10644	WELLI	Brazil

10645	HANAR	Brazil
10647	QUEDE	Brazil
10648	RICAR	Brazil
10650	FAMIA	Brazil
10652	GOURL	Brazil
10659	QUEEN	Brazil
10676	TORTU	Mexico
10677	ANTON	Mexico
10682	ANTON	Mexico
10685	GOURL	Brazil
10690	HANAR	Brazil
10697	LINOD	Venezuela
10704	QUEEN	Brazil
10705	HILAA	Venezuela
10709	GOURL	Brazil
10716	RANCH	Argentina
10720	QUEDE	Brazil
10725	FAMIA	Brazil
10728	QUEEN	Brazil
10729	LINOD	Venezuela
10734	GOURL	Brazil
10759	ANATR	Mexico
10770	HANAR	Brazil
10777	GOURL	Brazil
10780	LILAS	Venezuela
10782	CACTU	Argentina
10783	HANAR	Brazil
10785	GROSR	Venezuela
10786	QUEEN	Brazil
10790	GOURL	Brazil
10794	QUEDE	Brazil
10796	HILAA	Venezuela
10803	WELLI	Brazil
10809	WELLI	Brazil
10811	LINOD	Venezuela
10813	RICAR	Brazil
10819	CACTU	Argentina
10823	LILAS	Venezuela
10828	RANCH	Argentina
10830	TRADH	Brazil

10834	TRADH	Brazil
10838	LINOD	Venezuela
10839	TRADH	Brazil
10840	LINOD	Venezuela
10842	TORTU	Mexico
10851	RICAR	Brazil
10856	ANTON	Mexico
10863	HILAA	Venezuela
10868	QUEEN	Brazil
10877	RICAR	Brazil
10881	CACTU	Argentina
10886	HANAR	Brazil
10898	OCEAN	Argentina
10899	LILAS	Venezuela
10900	WELLI	Brazil
10901	HILAA	Venezuela
10903	HANAR	Brazil
10905	WELLI	Brazil
10913	QUEEN	Brazil
10914	QUEEN	Brazil
10915	TORTU	Mexico
10916	RANCH	Argentina
10919	LINOD	Venezuela
10922	HANAR	Brazil
10925	HANAR	Brazil
10926	ANATR	Mexico
10935	WELLI	Brazil
10937	CACTU	Argentina
10954	LINOD	Venezuela
10957	HILAA	Venezuela
10958	OCEAN	Argentina
10959	GOURL	Brazil
10960	HILAA	Venezuela
10961	QUEEN	Brazil
10969	COMMI	Brazil
10976	HILAA	Venezuela
10981	HANAR	Brazil
10986	OCEAN	Argentina
10989	QUEDE	Brazil
10995	PERIC	Mexico

10997	LILAS	Venezuela
11014	LINOD	Venezuela
11019	RANCH	Argentina
11022	HANAR	Brazil
11039	LINOD	Venezuela
11042	COMMI	Brazil
11049	GOURL	Brazil
11052	HANAR	Brazil
11054	CACTU	Argentina
11055	HILAA	Venezuela
11059	RICAR	Brazil
11065	LILAS	Venezuela
11068	QUEEN	Brazil
11069	TORTU	Mexico
11071	LILAS	Venezuela
11073	PERIC	Mexico

10.) Employees, in order of age

For all the employees in the Employees table, show the FirstName, LastName, Title, and BirthDate. Order the results by BirthDate, so we have the oldest employees first.

In [25]:

```sql
Select
FirstName
,LastName
,Title
,BirthDate
From Employees
Order By Birthdate
```

(9 rows affected)

Total execution time: 00:00:00.009

Out[25]:

FirstName	LastName	Title	BirthDate
Margaret	Peacock	Sales Representative	1955-09-19 00:00:00.000
Nancy	Davolio	Sales Representative	1966-12-08 00:00:00.000
Andrew	Fuller	Vice President, Sales	1970-02-19 00:00:00.000
Steven	Buchanan	Sales Manager	1973-03-04 00:00:00.000
Laura	Callahan	Inside Sales Coordinator	1976-01-09 00:00:00.000
Robert	King	Sales Representative	1978-05-29 00:00:00.000
Michael	Suyama	Sales Representative	1981-07-02 00:00:00.000
Janet	Leverling	Sales Representative	1981-08-30 00:00:00.000
Anne	Dodsworth	Sales Representative	1984-01-27 00:00:00.000

11.) Showing only the Date with a DateTime field

In the output of the query above, showing the Employees in order of BirthDate, we see the time of the BirthDate field, which we don't want. Show only the date portion of the BirthDate field.

In [26]:

```
Select
FirstName
,LastName
,Title
,DateOnlyBirthDate = convert(date, BirthDate)
From Employees
Order By Birthdate
```

(9 rows affected)

Total execution time: 00:00:00.020

Out[26]:

FirstName	LastName	Title	DateOnlyBirthDate
Margaret	Peacock	Sales Representative	1955-09-19
Nancy	Davolio	Sales Representative	1966-12-08
Andrew	Fuller	Vice President, Sales	1970-02-19
Steven	Buchanan	Sales Manager	1973-03-04
Laura	Callahan	Inside Sales Coordinator	1976-01-09
Robert	King	Sales Representative	1978-05-29
Michael	Suyama	Sales Representative	1981-07-02
Janet	Leverling	Sales Representative	1981-08-30
Anne	Dodsworth	Sales Representative	1984-01-27

12.) Employees full name

Show the FirstName and LastName columns from the Employees table, and then create a new column called FullName, showing FirstName and LastName joined together in one column, with a space inbetween.

In [27]:

```sql
Select
FirstName
,LastName
,FullName = FirstName + ' ' + LastName
From Employees
```

(9 rows affected)

Total execution time: 00:00:00.005

Out[27]:

FirstName	LastName	FullName
Nancy	Davolio	Nancy Davolio
Andrew	Fuller	Andrew Fuller
Janet	Leverling	Janet Leverling
Margaret	Peacock	Margaret Peacock
Steven	Buchanan	Steven Buchanan
Michael	Suyama	Michael Suyama
Robert	King	Robert King
Laura	Callahan	Laura Callahan
Anne	Dodsworth	Anne Dodsworth

13.) OrderDetails amount per line item

In the OrderDetails table, we have the fields UnitPrice and Quantity. Create a new field, TotalPrice, that multiplies these two together. We'll ignore the Discount field for now. In addition, show the OrderID, ProductID, UnitPrice, and Quantity. Order by OrderID and ProductID.

In [28]:

```sql
Select
OrderID
,ProductID
,UnitPrice
,Quantity
,TotalPrice = UnitPrice * Quantity
From OrderDetails
Order by
OrderID
,ProductID
```

(2155 rows affected)

Total execution time: 00:00:00.072

Out[28]:

OrderID	ProductID	UnitPrice	Quantity	TotalPrice
10248	11	14.0000	12	168.0000
10248	42	9.8000	10	98.0000
10248	72	34.8000	5	174.0000
10249	14	18.6000	9	167.4000
10249	51	42.4000	40	1696.0000
10250	41	7.7000	10	77.0000
10250	51	42.4000	35	1484.0000
10250	65	16.8000	15	252.0000
10251	22	16.8000	6	100.8000
10251	57	15.6000	15	234.0000
10251	65	16.8000	20	336.0000
10252	20	64.8000	40	2592.0000
10252	33	2.0000	25	50.0000
10252	60	27.2000	40	1088.0000
10253	31	10.0000	20	200.0000
10253	39	14.4000	42	604.8000
10253	49	16.0000	40	640.0000
10254	24	3.6000	15	54.0000
10254	55	19.2000	21	403.2000
10254	74	8.0000	21	168.0000
10255	2	15.2000	20	304.0000
10255	16	13.9000	35	486.5000
10255	36	15.2000	25	380.0000
10255	59	44.0000	30	1320.0000
10256	53	26.2000	15	393.0000
10256	77	10.4000	12	124.8000
10257	27	35.1000	25	877.5000
10257	39	14.4000	6	86.4000
10257	77	10.4000	15	156.0000
10258	2	15.2000	50	760.0000
10258	5	17.0000	65	1105.0000
10258	32	25.6000	6	153.6000
10259	21	8.0000	10	80.0000
10259	37	20.8000	1	20.8000
10260	41	7.7000	16	123.2000
10260	57	15.6000	50	780.0000
10260	62	39.4000	15	591.0000

10260	70	12.0000	21	252.0000
10261	21	8.0000	20	160.0000
10261	35	14.4000	20	288.0000
10262	5	17.0000	12	204.0000
10262	7	24.0000	15	360.0000
10262	56	30.4000	2	60.8000
10263	16	13.9000	60	834.0000
10263	24	3.6000	65	234.0000
10263	30	20.7000	60	1242.0000
10263	74	8.0000	65	520.0000
10264	2	15.2000	35	532.0000
10264	41	7.7000	25	192.5000
10265	17	31.2000	30	936.0000
10265	70	12.0000	20	240.0000
10266	12	30.4000	12	364.8000
10267	40	14.7000	50	735.0000
10267	59	44.0000	70	3080.0000
10267	76	14.4000	15	216.0000
10268	29	99.0000	10	990.0000
10268	72	27.8000	4	111.2000
10269	33	2.0000	60	120.0000
10269	72	27.8000	20	556.0000
10270	36	15.2000	30	456.0000
10270	43	36.8000	25	920.0000
10271	33	2.0000	24	48.0000
10272	20	64.8000	6	388.8000
10272	31	10.0000	40	400.0000
10272	72	27.8000	24	667.2000
10273	10	24.8000	24	595.2000
10273	31	10.0000	15	150.0000
10273	33	2.0000	20	40.0000
10273	40	14.7000	60	882.0000
10273	76	14.4000	33	475.2000
10274	71	17.2000	20	344.0000
10274	72	27.8000	7	194.6000
10275	24	3.6000	12	43.2000
10275	59	44.0000	6	264.0000
10276	10	24.8000	15	372.0000
10276	13	4.8000	10	48.0000
10277	28	36.4000	20	728.0000

10277	62	39.4000	12	472.8000
10278	44	15.5000	16	248.0000
10278	59	44.0000	15	660.0000
10278	63	35.1000	8	280.8000
10278	73	12.0000	25	300.0000
10279	17	31.2000	15	468.0000
10280	24	3.6000	12	43.2000
10280	55	19.2000	20	384.0000
10280	75	6.2000	30	186.0000
10281	19	7.3000	1	7.3000
10281	24	3.6000	6	21.6000
10281	35	14.4000	4	57.6000
10282	30	20.7000	6	124.2000
10282	57	15.6000	2	31.2000
10283	15	12.4000	20	248.0000
10283	19	7.3000	18	131.4000
10283	60	27.2000	35	952.0000
10283	72	27.8000	3	83.4000
10284	27	35.1000	15	526.5000
10284	44	15.5000	21	325.5000
10284	60	27.2000	20	544.0000
10284	67	11.2000	5	56.0000
10285	1	14.4000	45	648.0000
10285	40	14.7000	40	588.0000
10285	53	26.2000	36	943.2000
10286	35	14.4000	100	1440.0000
10286	62	39.4000	40	1576.0000
10287	16	13.9000	40	556.0000
10287	34	11.2000	20	224.0000
10287	46	9.6000	15	144.0000
10288	54	5.9000	10	59.0000
10288	68	10.0000	3	30.0000
10289	3	8.0000	30	240.0000
10289	64	26.6000	9	239.4000
10290	5	17.0000	20	340.0000
10290	29	99.0000	15	1485.0000
10290	49	16.0000	15	240.0000
10290	77	10.4000	10	104.0000
10291	13	4.8000	20	96.0000
10291	44	15.5000	24	372.0000

10291	51	42.4000	2	84.8000
10292	20	64.8000	20	1296.0000
10293	18	50.0000	12	600.0000
10293	24	3.6000	10	36.0000
10293	63	35.1000	5	175.5000
10293	75	6.2000	6	37.2000
10294	1	14.4000	18	259.2000
10294	17	31.2000	15	468.0000
10294	43	36.8000	15	552.0000
10294	60	27.2000	21	571.2000
10294	75	6.2000	6	37.2000
10295	56	30.4000	4	121.6000
10296	11	16.8000	12	201.6000
10296	16	13.9000	30	417.0000
10296	69	28.8000	15	432.0000
10297	39	14.4000	60	864.0000
10297	72	27.8000	20	556.0000
10298	2	15.2000	40	608.0000
10298	36	15.2000	40	608.0000
10298	59	44.0000	30	1320.0000
10298	62	39.4000	15	591.0000
10299	19	7.3000	15	109.5000
10299	70	12.0000	20	240.0000
10300	66	13.6000	30	408.0000
10300	68	10.0000	20	200.0000
10301	40	14.7000	10	147.0000
10301	56	30.4000	20	608.0000
10302	17	31.2000	40	1248.0000
10302	28	36.4000	28	1019.2000
10302	43	36.8000	12	441.6000
10303	40	14.7000	40	588.0000
10303	65	16.8000	30	504.0000
10303	68	10.0000	15	150.0000
10304	49	16.0000	30	480.0000
10304	59	44.0000	10	440.0000
10304	71	17.2000	2	34.4000
10305	18	50.0000	25	1250.0000
10305	29	99.0000	25	2475.0000
10305	39	14.4000	30	432.0000
10306	30	20.7000	10	207.0000

10306	53	26.2000	10	262.0000
10306	54	5.9000	5	29.5000
10307	62	39.4000	10	394.0000
10307	68	10.0000	3	30.0000
10308	69	28.8000	1	28.8000
10308	70	12.0000	5	60.0000
10309	4	17.6000	20	352.0000
10309	6	20.0000	30	600.0000
10309	42	11.2000	2	22.4000
10309	43	36.8000	20	736.0000
10309	71	17.2000	3	51.6000
10310	16	13.9000	10	139.0000
10310	62	39.4000	5	197.0000
10311	42	11.2000	6	67.2000
10311	69	28.8000	7	201.6000
10312	28	36.4000	4	145.6000
10312	43	36.8000	24	883.2000
10312	53	26.2000	20	524.0000
10312	75	6.2000	10	62.0000
10313	36	15.2000	12	182.4000
10314	32	25.6000	40	1024.0000
10314	58	10.6000	30	318.0000
10314	62	39.4000	25	985.0000
10315	34	11.2000	14	156.8000
10315	70	12.0000	30	360.0000
10316	41	7.7000	10	77.0000
10316	62	39.4000	70	2758.0000
10317	1	14.4000	20	288.0000
10318	41	7.7000	20	154.0000
10318	76	14.4000	6	86.4000
10319	17	31.2000	8	249.6000
10319	28	36.4000	14	509.6000
10319	76	14.4000	30	432.0000
10320	71	17.2000	30	516.0000
10321	35	14.4000	10	144.0000
10322	52	5.6000	20	112.0000
10323	15	12.4000	5	62.0000
10323	25	11.2000	4	44.8000
10323	39	14.4000	4	57.6000
10324	16	13.9000	21	291.9000

10324	35	14.4000	70	1008.0000
10324	46	9.6000	30	288.0000
10324	59	44.0000	40	1760.0000
10324	63	35.1000	80	2808.0000
10325	6	20.0000	6	120.0000
10325	13	4.8000	12	57.6000
10325	14	18.6000	9	167.4000
10325	31	10.0000	4	40.0000
10325	72	27.8000	40	1112.0000
10326	4	17.6000	24	422.4000
10326	57	15.6000	16	249.6000
10326	75	6.2000	50	310.0000
10327	2	15.2000	25	380.0000
10327	11	16.8000	50	840.0000
10327	30	20.7000	35	724.5000
10327	58	10.6000	30	318.0000
10328	59	44.0000	9	396.0000
10328	65	16.8000	40	672.0000
10328	68	10.0000	10	100.0000
10329	19	7.3000	10	73.0000
10329	30	20.7000	8	165.6000
10329	38	210.8000	20	4216.0000
10329	56	30.4000	12	364.8000
10330	26	24.9000	50	1245.0000
10330	72	27.8000	25	695.0000
10331	54	5.9000	15	88.5000
10332	18	50.0000	40	2000.0000
10332	42	11.2000	10	112.0000
10332	47	7.6000	16	121.6000
10333	14	18.6000	10	186.0000
10333	21	8.0000	10	80.0000
10333	71	17.2000	40	688.0000
10334	52	5.6000	8	44.8000
10334	68	10.0000	10	100.0000
10335	2	15.2000	7	106.4000
10335	31	10.0000	25	250.0000
10335	32	25.6000	6	153.6000
10335	51	42.4000	48	2035.2000
10336	4	17.6000	18	316.8000
10337	23	7.2000	40	288.0000

10337	26	24.9000	24	597.6000
10337	36	15.2000	20	304.0000
10337	37	20.8000	28	582.4000
10337	72	27.8000	25	695.0000
10338	17	31.2000	20	624.0000
10338	30	20.7000	15	310.5000
10339	4	17.6000	10	176.0000
10339	17	31.2000	70	2184.0000
10339	62	39.4000	28	1103.2000
10340	18	50.0000	20	1000.0000
10340	41	7.7000	12	92.4000
10340	43	36.8000	40	1472.0000
10341	33	2.0000	8	16.0000
10341	59	44.0000	9	396.0000
10342	2	15.2000	24	364.8000
10342	31	10.0000	56	560.0000
10342	36	15.2000	40	608.0000
10342	55	19.2000	40	768.0000
10343	64	26.6000	50	1330.0000
10343	68	10.0000	4	40.0000
10343	76	14.4000	15	216.0000
10344	4	17.6000	35	616.0000
10344	8	32.0000	70	2240.0000
10345	8	32.0000	70	2240.0000
10345	19	7.3000	80	584.0000
10345	42	11.2000	9	100.8000
10346	17	31.2000	36	1123.2000
10346	56	30.4000	20	608.0000
10347	25	11.2000	10	112.0000
10347	39	14.4000	50	720.0000
10347	40	14.7000	4	58.8000
10347	75	6.2000	6	37.2000
10348	1	14.4000	15	216.0000
10348	23	7.2000	25	180.0000
10349	54	5.9000	24	141.6000
10350	50	13.0000	15	195.0000
10350	69	28.8000	18	518.4000
10351	38	210.8000	20	4216.0000
10351	41	7.7000	13	100.1000
10351	44	15.5000	77	1193.5000

10351	65	16.8000	10	168.0000
10352	24	3.6000	10	36.0000
10352	54	5.9000	20	118.0000
10353	11	16.8000	12	201.6000
10353	38	210.8000	50	10540.0000
10354	1	14.4000	12	172.8000
10354	29	99.0000	4	396.0000
10355	24	3.6000	25	90.0000
10355	57	15.6000	25	390.0000
10356	31	10.0000	30	300.0000
10356	55	19.2000	12	230.4000
10356	69	28.8000	20	576.0000
10357	10	24.8000	30	744.0000
10357	26	24.9000	16	398.4000
10357	60	27.2000	8	217.6000
10358	24	3.6000	10	36.0000
10358	34	11.2000	10	112.0000
10358	36	15.2000	20	304.0000
10359	16	13.9000	56	778.4000
10359	31	10.0000	70	700.0000
10359	60	27.2000	80	2176.0000
10360	28	36.4000	30	1092.0000
10360	29	99.0000	35	3465.0000
10360	38	210.8000	10	2108.0000
10360	49	16.0000	35	560.0000
10360	54	5.9000	28	165.2000
10361	39	14.4000	54	777.6000
10361	60	27.2000	55	1496.0000
10362	25	11.2000	50	560.0000
10362	51	42.4000	20	848.0000
10362	54	5.9000	24	141.6000
10363	31	10.0000	20	200.0000
10363	75	6.2000	12	74.4000
10363	76	14.4000	12	172.8000
10364	69	28.8000	30	864.0000
10364	71	17.2000	5	86.0000
10365	11	16.8000	24	403.2000
10366	65	16.8000	5	84.0000
10366	77	10.4000	5	52.0000
10367	34	11.2000	36	403.2000

10367	54	5.9000	18	106.2000
10367	65	16.8000	15	252.0000
10367	77	10.4000	7	72.8000
10368	21	8.0000	5	40.0000
10368	28	36.4000	13	473.2000
10368	57	15.6000	25	390.0000
10368	64	26.6000	35	931.0000
10369	29	99.0000	20	1980.0000
10369	56	30.4000	18	547.2000
10370	1	14.4000	15	216.0000
10370	64	26.6000	30	798.0000
10370	74	8.0000	20	160.0000
10371	36	15.2000	6	91.2000
10372	20	64.8000	12	777.6000
10372	38	210.8000	40	8432.0000
10372	60	27.2000	70	1904.0000
10372	72	27.8000	42	1167.6000
10373	58	10.6000	80	848.0000
10373	71	17.2000	50	860.0000
10374	31	10.0000	30	300.0000
10374	58	10.6000	15	159.0000
10375	14	18.6000	15	279.0000
10375	54	5.9000	10	59.0000
10376	31	10.0000	42	420.0000
10377	28	36.4000	20	728.0000
10377	39	14.4000	20	288.0000
10378	71	17.2000	6	103.2000
10379	41	7.7000	8	61.6000
10379	63	35.1000	16	561.6000
10379	65	16.8000	20	336.0000
10380	30	20.7000	18	372.6000
10380	53	26.2000	20	524.0000
10380	60	27.2000	6	163.2000
10380	70	12.0000	30	360.0000
10381	74	8.0000	14	112.0000
10382	5	17.0000	32	544.0000
10382	18	50.0000	9	450.0000
10382	29	99.0000	14	1386.0000
10382	33	2.0000	60	120.0000
10382	74	8.0000	50	400.0000

10383	13	4.8000	20	96.0000
10383	50	13.0000	15	195.0000
10383	56	30.4000	20	608.0000
10384	20	64.8000	28	1814.4000
10384	60	27.2000	15	408.0000
10385	7	24.0000	10	240.0000
10385	60	27.2000	20	544.0000
10385	68	10.0000	8	80.0000
10386	24	3.6000	15	54.0000
10386	34	11.2000	10	112.0000
10387	24	3.6000	15	54.0000
10387	28	36.4000	6	218.4000
10387	59	44.0000	12	528.0000
10387	71	17.2000	15	258.0000
10388	45	7.6000	15	114.0000
10388	52	5.6000	20	112.0000
10388	53	26.2000	40	1048.0000
10389	10	24.8000	16	396.8000
10389	55	19.2000	15	288.0000
10389	62	39.4000	20	788.0000
10389	70	12.0000	30	360.0000
10390	31	10.0000	60	600.0000
10390	35	14.4000	40	576.0000
10390	46	9.6000	45	432.0000
10390	72	27.8000	24	667.2000
10391	13	4.8000	18	86.4000
10392	69	28.8000	50	1440.0000
10393	2	15.2000	25	380.0000
10393	14	18.6000	42	781.2000
10393	25	11.2000	7	78.4000
10393	26	24.9000	70	1743.0000
10393	31	10.0000	32	320.0000
10394	13	4.8000	10	48.0000
10394	62	39.4000	10	394.0000
10395	46	9.6000	28	268.8000
10395	53	26.2000	70	1834.0000
10395	69	28.8000	8	230.4000
10396	23	7.2000	40	288.0000
10396	71	17.2000	60	1032.0000
10396	72	27.8000	21	583.8000

10397	21	8.0000	10	80.0000
10397	51	42.4000	18	763.2000
10398	35	14.4000	30	432.0000
10398	55	19.2000	120	2304.0000
10399	68	10.0000	60	600.0000
10399	71	17.2000	30	516.0000
10399	76	14.4000	35	504.0000
10399	77	10.4000	14	145.6000
10400	29	99.0000	21	2079.0000
10400	35	14.4000	35	504.0000
10400	49	16.0000	30	480.0000
10401	30	20.7000	18	372.6000
10401	56	30.4000	70	2128.0000
10401	65	16.8000	20	336.0000
10401	71	17.2000	60	1032.0000
10402	23	7.2000	60	432.0000
10402	63	35.1000	65	2281.5000
10403	16	13.9000	21	291.9000
10403	48	10.2000	70	714.0000
10404	26	24.9000	30	747.0000
10404	42	11.2000	40	448.0000
10404	49	16.0000	30	480.0000
10405	3	8.0000	50	400.0000
10406	1	14.4000	10	144.0000
10406	21	8.0000	30	240.0000
10406	28	36.4000	42	1528.8000
10406	36	15.2000	5	76.0000
10406	40	14.7000	2	29.4000
10407	11	16.8000	30	504.0000
10407	69	28.8000	15	432.0000
10407	71	17.2000	15	258.0000
10408	37	20.8000	10	208.0000
10408	54	5.9000	6	35.4000
10408	62	39.4000	35	1379.0000
10409	14	18.6000	12	223.2000
10409	21	8.0000	12	96.0000
10410	33	2.0000	49	98.0000
10410	59	44.0000	16	704.0000
10411	41	7.7000	25	192.5000
10411	44	15.5000	40	620.0000

10411	59	44.0000	9	396.0000
10412	14	18.6000	20	372.0000
10413	1	14.4000	24	345.6000
10413	62	39.4000	40	1576.0000
10413	76	14.4000	14	201.6000
10414	19	7.3000	18	131.4000
10414	33	2.0000	50	100.0000
10415	17	31.2000	2	62.4000
10415	33	2.0000	20	40.0000
10416	19	7.3000	20	146.0000
10416	53	26.2000	10	262.0000
10416	57	15.6000	20	312.0000
10417	38	210.8000	50	10540.0000
10417	46	9.6000	2	19.2000
10417	68	10.0000	36	360.0000
10417	77	10.4000	35	364.0000
10418	2	15.2000	60	912.0000
10418	47	7.6000	55	418.0000
10418	61	22.8000	16	364.8000
10418	74	8.0000	15	120.0000
10419	60	27.2000	60	1632.0000
10419	69	28.8000	20	576.0000
10420	9	77.6000	20	1552.0000
10420	13	4.8000	2	9.6000
10420	70	12.0000	8	96.0000
10420	73	12.0000	20	240.0000
10421	19	7.3000	4	29.2000
10421	26	24.9000	30	747.0000
10421	53	26.2000	15	393.0000
10421	77	10.4000	10	104.0000
10422	26	24.9000	2	49.8000
10423	31	10.0000	14	140.0000
10423	59	44.0000	20	880.0000
10424	35	14.4000	60	864.0000
10424	38	210.8000	49	10329.2000
10424	68	10.0000	30	300.0000
10425	55	19.2000	10	192.0000
10425	76	14.4000	20	288.0000
10426	56	30.4000	5	152.0000
10426	64	26.6000	7	186.2000

10427	14	18.6000	35	651.0000
10428	46	9.6000	20	192.0000
10429	50	13.0000	40	520.0000
10429	63	35.1000	35	1228.5000
10430	17	31.2000	45	1404.0000
10430	21	8.0000	50	400.0000
10430	56	30.4000	30	912.0000
10430	59	44.0000	70	3080.0000
10431	17	31.2000	50	1560.0000
10431	40	14.7000	50	735.0000
10431	47	7.6000	30	228.0000
10432	26	24.9000	10	249.0000
10432	54	5.9000	40	236.0000
10433	56	30.4000	28	851.2000
10434	11	16.8000	6	100.8000
10434	76	14.4000	18	259.2000
10435	2	15.2000	10	152.0000
10435	22	16.8000	12	201.6000
10435	72	27.8000	10	278.0000
10436	46	9.6000	5	48.0000
10436	56	30.4000	40	1216.0000
10436	64	26.6000	30	798.0000
10436	75	6.2000	24	148.8000
10437	53	26.2000	15	393.0000
10438	19	7.3000	15	109.5000
10438	34	11.2000	20	224.0000
10438	57	15.6000	15	234.0000
10439	12	30.4000	15	456.0000
10439	16	13.9000	16	222.4000
10439	64	26.6000	6	159.6000
10439	74	8.0000	30	240.0000
10440	2	15.2000	45	684.0000
10440	16	13.9000	49	681.1000
10440	29	99.0000	24	2376.0000
10440	61	22.8000	90	2052.0000
10441	27	35.1000	50	1755.0000
10442	11	16.8000	30	504.0000
10442	54	5.9000	80	472.0000
10442	66	13.6000	60	816.0000
10443	11	16.8000	6	100.8000

10443	28	36.4000	12	436.8000
10444	17	31.2000	10	312.0000
10444	26	24.9000	15	373.5000
10444	35	14.4000	8	115.2000
10444	41	7.7000	30	231.0000
10445	39	14.4000	6	86.4000
10445	54	5.9000	15	88.5000
10446	19	7.3000	12	87.6000
10446	24	3.6000	20	72.0000
10446	31	10.0000	3	30.0000
10446	52	5.6000	15	84.0000
10447	19	7.3000	40	292.0000
10447	65	16.8000	35	588.0000
10447	71	17.2000	2	34.4000
10448	26	24.9000	6	149.4000
10448	40	14.7000	20	294.0000
10449	10	24.8000	14	347.2000
10449	52	5.6000	20	112.0000
10449	62	39.4000	35	1379.0000
10450	10	24.8000	20	496.0000
10450	54	5.9000	6	35.4000
10451	55	19.2000	120	2304.0000
10451	64	26.6000	35	931.0000
10451	65	16.8000	28	470.4000
10451	77	10.4000	55	572.0000
10452	28	36.4000	15	546.0000
10452	44	15.5000	100	1550.0000
10453	48	10.2000	15	153.0000
10453	70	12.0000	25	300.0000
10454	16	13.9000	20	278.0000
10454	33	2.0000	20	40.0000
10454	46	9.6000	10	96.0000
10455	39	14.4000	20	288.0000
10455	53	26.2000	50	1310.0000
10455	61	22.8000	25	570.0000
10455	71	17.2000	30	516.0000
10456	21	8.0000	40	320.0000
10456	49	16.0000	21	336.0000
10457	59	44.0000	36	1584.0000
10458	26	24.9000	30	747.0000

10458	28	36.4000	30	1092.0000
10458	43	36.8000	20	736.0000
10458	56	30.4000	15	456.0000
10458	71	17.2000	50	860.0000
10459	7	24.0000	16	384.0000
10459	46	9.6000	20	192.0000
10459	72	27.8000	40	1112.0000
10460	68	10.0000	21	210.0000
10460	75	6.2000	4	24.8000
10461	21	8.0000	40	320.0000
10461	30	20.7000	28	579.6000
10461	55	19.2000	60	1152.0000
10462	13	4.8000	1	4.8000
10462	23	7.2000	21	151.2000
10463	19	7.3000	21	153.3000
10463	42	11.2000	50	560.0000
10464	4	17.6000	16	281.6000
10464	43	36.8000	3	110.4000
10464	56	30.4000	30	912.0000
10464	60	27.2000	20	544.0000
10465	24	3.6000	25	90.0000
10465	29	99.0000	18	1782.0000
10465	40	14.7000	20	294.0000
10465	45	7.6000	30	228.0000
10465	50	13.0000	25	325.0000
10466	11	16.8000	10	168.0000
10466	46	9.6000	5	48.0000
10467	24	3.6000	28	100.8000
10467	25	11.2000	12	134.4000
10468	30	20.7000	8	165.6000
10468	43	36.8000	15	552.0000
10469	2	15.2000	40	608.0000
10469	16	13.9000	35	486.5000
10469	44	15.5000	2	31.0000
10470	18	50.0000	30	1500.0000
10470	23	7.2000	15	108.0000
10470	64	26.6000	8	212.8000
10471	7	24.0000	30	720.0000
10471	56	30.4000	20	608.0000
10472	24	3.6000	80	288.0000

10472	51	42.4000	18	763.2000
10473	33	2.0000	12	24.0000
10473	71	17.2000	12	206.4000
10474	14	18.6000	12	223.2000
10474	28	36.4000	18	655.2000
10474	40	14.7000	21	308.7000
10474	75	6.2000	10	62.0000
10475	31	10.0000	35	350.0000
10475	66	13.6000	60	816.0000
10475	76	14.4000	42	604.8000
10476	55	19.2000	2	38.4000
10476	70	12.0000	12	144.0000
10477	1	14.4000	15	216.0000
10477	21	8.0000	21	168.0000
10477	39	14.4000	20	288.0000
10478	10	24.8000	20	496.0000
10479	38	210.8000	30	6324.0000
10479	53	26.2000	28	733.6000
10479	59	44.0000	60	2640.0000
10479	64	26.6000	30	798.0000
10480	47	7.6000	30	228.0000
10480	59	44.0000	12	528.0000
10481	49	16.0000	24	384.0000
10481	60	27.2000	40	1088.0000
10482	40	14.7000	10	147.0000
10483	34	11.2000	35	392.0000
10483	77	10.4000	30	312.0000
10484	21	8.0000	14	112.0000
10484	40	14.7000	10	147.0000
10484	51	42.4000	3	127.2000
10485	2	15.2000	20	304.0000
10485	3	8.0000	20	160.0000
10485	55	19.2000	30	576.0000
10485	70	12.0000	60	720.0000
10486	11	16.8000	5	84.0000
10486	51	42.4000	25	1060.0000
10486	74	8.0000	16	128.0000
10487	19	7.3000	5	36.5000
10487	26	24.9000	30	747.0000
10487	54	5.9000	24	141.6000

10488	59	44.0000	30	1320.0000
10488	73	12.0000	20	240.0000
10489	11	16.8000	15	252.0000
10489	16	13.9000	18	250.2000
10490	59	44.0000	60	2640.0000
10490	68	10.0000	30	300.0000
10490	75	6.2000	36	223.2000
10491	44	15.5000	15	232.5000
10491	77	10.4000	7	72.8000
10492	25	11.2000	60	672.0000
10492	42	11.2000	20	224.0000
10493	65	16.8000	15	252.0000
10493	66	13.6000	10	136.0000
10493	69	28.8000	10	288.0000
10494	56	30.4000	30	912.0000
10495	23	7.2000	10	72.0000
10495	41	7.7000	20	154.0000
10495	77	10.4000	5	52.0000
10496	31	10.0000	20	200.0000
10497	56	30.4000	14	425.6000
10497	72	27.8000	25	695.0000
10497	77	10.4000	25	260.0000
10498	24	4.5000	14	63.0000
10498	40	18.4000	5	92.0000
10498	42	14.0000	30	420.0000
10499	28	45.6000	20	912.0000
10499	49	20.0000	25	500.0000
10500	15	15.5000	12	186.0000
10500	28	45.6000	8	364.8000
10501	54	7.4500	20	149.0000
10502	45	9.5000	21	199.5000
10502	53	32.8000	6	196.8000
10502	67	14.0000	30	420.0000
10503	14	23.2500	70	1627.5000
10503	65	21.0500	20	421.0000
10504	2	19.0000	12	228.0000
10504	21	10.0000	12	120.0000
10504	53	32.8000	10	328.0000
10504	61	28.5000	25	712.5000
10505	62	49.3000	3	147.9000

10506	25	14.0000	18	252.0000
10506	70	15.0000	14	210.0000
10507	43	46.0000	15	690.0000
10507	48	12.7500	15	191.2500
10508	13	6.0000	10	60.0000
10508	39	18.0000	10	180.0000
10509	28	45.6000	3	136.8000
10510	29	123.7900	36	4456.4400
10510	75	7.7500	36	279.0000
10511	4	22.0000	50	1100.0000
10511	7	30.0000	50	1500.0000
10511	8	40.0000	10	400.0000
10512	24	4.5000	10	45.0000
10512	46	12.0000	9	108.0000
10512	47	9.5000	6	57.0000
10512	60	34.0000	12	408.0000
10513	21	10.0000	40	400.0000
10513	32	32.0000	50	1600.0000
10513	61	28.5000	15	427.5000
10514	20	81.0000	39	3159.0000
10514	28	45.6000	35	1596.0000
10514	56	38.0000	70	2660.0000
10514	65	21.0500	39	820.9500
10514	75	7.7500	50	387.5000
10515	9	97.0000	16	1552.0000
10515	16	17.4500	50	872.5000
10515	27	43.9000	120	5268.0000
10515	33	2.5000	16	40.0000
10515	60	34.0000	84	2856.0000
10516	18	62.5000	25	1562.5000
10516	41	9.6500	80	772.0000
10516	42	14.0000	20	280.0000
10517	52	7.0000	6	42.0000
10517	59	55.0000	4	220.0000
10517	70	15.0000	6	90.0000
10518	24	4.5000	5	22.5000
10518	38	263.5000	15	3952.5000
10518	44	19.4500	9	175.0500
10519	10	31.0000	16	496.0000
10519	56	38.0000	40	1520.0000

10519	60	34.0000	10	340.0000
10520	24	4.5000	8	36.0000
10520	53	32.8000	5	164.0000
10521	35	18.0000	3	54.0000
10521	41	9.6500	10	96.5000
10521	68	12.5000	6	75.0000
10522	1	18.0000	40	720.0000
10522	8	40.0000	24	960.0000
10522	30	25.8900	20	517.8000
10522	40	18.4000	25	460.0000
10523	17	39.0000	25	975.0000
10523	20	81.0000	15	1215.0000
10523	37	26.0000	18	468.0000
10523	41	9.6500	6	57.9000
10524	10	31.0000	2	62.0000
10524	30	25.8900	10	258.9000
10524	43	46.0000	60	2760.0000
10524	54	7.4500	15	111.7500
10525	36	19.0000	30	570.0000
10525	40	18.4000	15	276.0000
10526	1	18.0000	8	144.0000
10526	13	6.0000	10	60.0000
10526	56	38.0000	30	1140.0000
10527	4	22.0000	50	1100.0000
10527	36	19.0000	30	570.0000
10528	11	21.0000	3	63.0000
10528	33	2.5000	8	20.0000
10528	72	34.8000	9	313.2000
10529	55	24.0000	14	336.0000
10529	68	12.5000	20	250.0000
10529	69	36.0000	10	360.0000
10530	17	39.0000	40	1560.0000
10530	43	46.0000	25	1150.0000
10530	61	28.5000	20	570.0000
10530	76	18.0000	50	900.0000
10531	59	55.0000	2	110.0000
10532	30	25.8900	15	388.3500
10532	66	17.0000	24	408.0000
10533	4	22.0000	50	1100.0000
10533	72	34.8000	24	835.2000

10533	73	15.0000	24	360.0000
10534	30	25.8900	10	258.9000
10534	40	18.4000	10	184.0000
10534	54	7.4500	10	74.5000
10535	11	21.0000	50	1050.0000
10535	40	18.4000	10	184.0000
10535	57	19.5000	5	97.5000
10535	59	55.0000	15	825.0000
10536	12	38.0000	15	570.0000
10536	31	12.5000	20	250.0000
10536	33	2.5000	30	75.0000
10536	60	34.0000	35	1190.0000
10537	31	12.5000	30	375.0000
10537	51	53.0000	6	318.0000
10537	58	13.2500	20	265.0000
10537	72	34.8000	21	730.8000
10537	73	15.0000	9	135.0000
10538	70	15.0000	7	105.0000
10538	72	34.8000	1	34.8000
10539	13	6.0000	8	48.0000
10539	21	10.0000	15	150.0000
10539	33	2.5000	15	37.5000
10539	49	20.0000	6	120.0000
10540	3	10.0000	60	600.0000
10540	26	31.2300	40	1249.2000
10540	38	263.5000	30	7905.0000
10540	68	12.5000	35	437.5000
10541	24	4.5000	35	157.5000
10541	38	263.5000	4	1054.0000
10541	65	21.0500	36	757.8000
10541	71	21.5000	9	193.5000
10542	11	21.0000	15	315.0000
10542	54	7.4500	24	178.8000
10543	12	38.0000	30	1140.0000
10543	23	9.0000	70	630.0000
10544	28	45.6000	7	319.2000
10544	67	14.0000	7	98.0000
10545	11	21.0000	10	210.0000
10546	7	30.0000	10	300.0000
10546	35	18.0000	30	540.0000

10546	62	49.3000	40	1972.0000
10547	32	32.0000	24	768.0000
10547	36	19.0000	60	1140.0000
10548	34	14.0000	10	140.0000
10548	41	9.6500	14	135.1000
10549	31	12.5000	55	687.5000
10549	45	9.5000	100	950.0000
10549	51	53.0000	48	2544.0000
10550	17	39.0000	8	312.0000
10550	19	9.2000	10	92.0000
10550	21	10.0000	6	60.0000
10550	61	28.5000	10	285.0000
10551	16	17.4500	40	698.0000
10551	35	18.0000	20	360.0000
10551	44	19.4500	40	778.0000
10552	69	36.0000	18	648.0000
10552	75	7.7500	30	232.5000
10553	11	21.0000	15	315.0000
10553	16	17.4500	14	244.3000
10553	22	21.0000	24	504.0000
10553	31	12.5000	30	375.0000
10553	35	18.0000	6	108.0000
10554	16	17.4500	30	523.5000
10554	23	9.0000	20	180.0000
10554	62	49.3000	20	986.0000
10554	77	13.0000	10	130.0000
10555	14	23.2500	30	697.5000
10555	19	9.2000	35	322.0000
10555	24	4.5000	18	81.0000
10555	51	53.0000	20	1060.0000
10555	56	38.0000	40	1520.0000
10556	72	34.8000	24	835.2000
10557	64	33.2500	30	997.5000
10557	75	7.7500	20	155.0000
10558	47	9.5000	25	237.5000
10558	51	53.0000	20	1060.0000
10558	52	7.0000	30	210.0000
10558	53	32.8000	18	590.4000
10558	73	15.0000	3	45.0000
10559	41	9.6500	12	115.8000

10559	55	24.0000	18	432.0000
10560	30	25.8900	20	517.8000
10560	62	49.3000	15	739.5000
10561	44	19.4500	10	194.5000
10561	51	53.0000	50	2650.0000
10562	33	2.5000	20	50.0000
10562	62	49.3000	10	493.0000
10563	36	19.0000	25	475.0000
10563	52	7.0000	70	490.0000
10564	17	39.0000	16	624.0000
10564	31	12.5000	6	75.0000
10564	55	24.0000	25	600.0000
10565	24	4.5000	25	112.5000
10565	64	33.2500	18	598.5000
10566	11	21.0000	35	735.0000
10566	18	62.5000	18	1125.0000
10566	76	18.0000	10	180.0000
10567	31	12.5000	60	750.0000
10567	51	53.0000	3	159.0000
10567	59	55.0000	40	2200.0000
10568	10	31.0000	5	155.0000
10569	31	12.5000	35	437.5000
10569	76	18.0000	30	540.0000
10570	11	21.0000	15	315.0000
10570	56	38.0000	60	2280.0000
10571	14	23.2500	11	255.7500
10571	42	14.0000	28	392.0000
10572	16	17.4500	12	209.4000
10572	32	32.0000	10	320.0000
10572	40	18.4000	50	920.0000
10572	75	7.7500	15	116.2500
10573	17	39.0000	18	702.0000
10573	34	14.0000	40	560.0000
10573	53	32.8000	25	820.0000
10574	33	2.5000	14	35.0000
10574	40	18.4000	2	36.8000
10574	62	49.3000	10	493.0000
10574	64	33.2500	6	199.5000
10575	59	55.0000	12	660.0000
10575	63	43.9000	6	263.4000

10575	72	34.8000	30	1044.0000
10575	76	18.0000	10	180.0000
10576	1	18.0000	10	180.0000
10576	31	12.5000	20	250.0000
10576	44	19.4500	21	408.4500
10577	39	18.0000	10	180.0000
10577	75	7.7500	20	155.0000
10577	77	13.0000	18	234.0000
10578	35	18.0000	20	360.0000
10578	57	19.5000	6	117.0000
10579	15	15.5000	10	155.0000
10579	75	7.7500	21	162.7500
10580	14	23.2500	15	348.7500
10580	41	9.6500	9	86.8500
10580	65	21.0500	30	631.5000
10581	75	7.7500	50	387.5000
10582	57	19.5000	4	78.0000
10582	76	18.0000	14	252.0000
10583	29	123.7900	10	1237.9000
10583	60	34.0000	24	816.0000
10583	69	36.0000	10	360.0000
10584	31	12.5000	50	625.0000
10585	47	9.5000	15	142.5000
10586	52	7.0000	4	28.0000
10587	26	31.2300	6	187.3800
10587	35	18.0000	20	360.0000
10587	77	13.0000	20	260.0000
10588	18	62.5000	40	2500.0000
10588	42	14.0000	100	1400.0000
10589	35	18.0000	4	72.0000
10590	1	18.0000	20	360.0000
10590	77	13.0000	60	780.0000
10591	3	10.0000	14	140.0000
10591	7	30.0000	10	300.0000
10591	54	7.4500	50	372.5000
10592	15	15.5000	25	387.5000
10592	26	31.2300	5	156.1500
10593	20	81.0000	21	1701.0000
10593	69	36.0000	20	720.0000
10593	76	18.0000	4	72.0000

10594	52	7.0000	24	168.0000
10594	58	13.2500	30	397.5000
10595	35	18.0000	30	540.0000
10595	61	28.5000	120	3420.0000
10595	69	36.0000	65	2340.0000
10596	56	38.0000	5	190.0000
10596	63	43.9000	24	1053.6000
10596	75	7.7500	30	232.5000
10597	24	4.5000	35	157.5000
10597	57	19.5000	20	390.0000
10597	65	21.0500	12	252.6000
10598	27	43.9000	50	2195.0000
10598	71	21.5000	9	193.5000
10599	62	49.3000	10	493.0000
10600	54	7.4500	4	29.8000
10600	73	15.0000	30	450.0000
10601	13	6.0000	60	360.0000
10601	59	55.0000	35	1925.0000
10602	77	13.0000	5	65.0000
10603	22	21.0000	48	1008.0000
10603	49	20.0000	25	500.0000
10604	48	12.7500	6	76.5000
10604	76	18.0000	10	180.0000
10605	16	17.4500	30	523.5000
10605	59	55.0000	20	1100.0000
10605	60	34.0000	70	2380.0000
10605	71	21.5000	15	322.5000
10606	4	22.0000	20	440.0000
10606	55	24.0000	20	480.0000
10606	62	49.3000	10	493.0000
10607	7	30.0000	45	1350.0000
10607	17	39.0000	100	3900.0000
10607	33	2.5000	14	35.0000
10607	40	18.4000	42	772.8000
10607	72	34.8000	12	417.6000
10608	56	38.0000	28	1064.0000
10609	1	18.0000	3	54.0000
10609	10	31.0000	10	310.0000
10609	21	10.0000	6	60.0000
10610	36	19.0000	21	399.0000

10611	1	18.0000	6	108.0000
10611	2	19.0000	10	190.0000
10611	60	34.0000	15	510.0000
10612	10	31.0000	70	2170.0000
10612	36	19.0000	55	1045.0000
10612	49	20.0000	18	360.0000
10612	60	34.0000	40	1360.0000
10612	76	18.0000	80	1440.0000
10613	13	6.0000	8	48.0000
10613	75	7.7500	40	310.0000
10614	11	21.0000	14	294.0000
10614	21	10.0000	8	80.0000
10614	39	18.0000	5	90.0000
10615	55	24.0000	5	120.0000
10616	38	263.5000	15	3952.5000
10616	56	38.0000	14	532.0000
10616	70	15.0000	15	225.0000
10616	71	21.5000	15	322.5000
10617	59	55.0000	30	1650.0000
10618	6	25.0000	70	1750.0000
10618	56	38.0000	20	760.0000
10618	68	12.5000	15	187.5000
10619	21	10.0000	42	420.0000
10619	22	21.0000	40	840.0000
10620	24	4.5000	5	22.5000
10620	52	7.0000	5	35.0000
10621	19	9.2000	5	46.0000
10621	23	9.0000	10	90.0000
10621	70	15.0000	20	300.0000
10621	71	21.5000	15	322.5000
10622	2	19.0000	20	380.0000
10622	68	12.5000	18	225.0000
10623	14	23.2500	21	488.2500
10623	19	9.2000	15	138.0000
10623	21	10.0000	25	250.0000
10623	24	4.5000	3	13.5000
10623	35	18.0000	30	540.0000
10624	28	45.6000	10	456.0000
10624	29	123.7900	6	742.7400
10624	44	19.4500	10	194.5000

10625	14	23.2500	3	69.7500
10625	42	14.0000	5	70.0000
10625	60	34.0000	10	340.0000
10626	53	32.8000	12	393.6000
10626	60	34.0000	20	680.0000
10626	71	21.5000	20	430.0000
10627	62	49.3000	15	739.5000
10627	73	15.0000	35	525.0000
10628	1	18.0000	25	450.0000
10629	29	123.7900	20	2475.8000
10629	64	33.2500	9	299.2500
10630	55	24.0000	12	288.0000
10630	76	18.0000	35	630.0000
10631	75	7.7500	8	62.0000
10632	2	19.0000	30	570.0000
10632	33	2.5000	20	50.0000
10633	12	38.0000	36	1368.0000
10633	13	6.0000	13	78.0000
10633	26	31.2300	35	1093.0500
10633	62	49.3000	80	3944.0000
10634	7	30.0000	35	1050.0000
10634	18	62.5000	50	3125.0000
10634	51	53.0000	15	795.0000
10634	75	7.7500	2	15.5000
10635	4	22.0000	10	220.0000
10635	5	21.3500	15	320.2500
10635	22	21.0000	40	840.0000
10636	4	22.0000	25	550.0000
10636	58	13.2500	6	79.5000
10637	11	21.0000	10	210.0000
10637	50	16.2500	25	406.2500
10637	56	38.0000	60	2280.0000
10638	45	9.5000	20	190.0000
10638	65	21.0500	21	442.0500
10638	72	34.8000	60	2088.0000
10639	18	62.5000	8	500.0000
10640	69	36.0000	20	720.0000
10640	70	15.0000	15	225.0000
10641	2	19.0000	50	950.0000
10641	40	18.4000	60	1104.0000

10642	21	10.0000	30	300.0000
10642	61	28.5000	20	570.0000
10643	28	45.6000	15	684.0000
10643	39	18.0000	21	378.0000
10643	46	12.0000	2	24.0000
10644	18	62.5000	4	250.0000
10644	43	46.0000	20	920.0000
10644	46	12.0000	21	252.0000
10645	18	62.5000	20	1250.0000
10645	36	19.0000	15	285.0000
10646	1	18.0000	15	270.0000
10646	10	31.0000	18	558.0000
10646	71	21.5000	30	645.0000
10646	77	13.0000	35	455.0000
10647	19	9.2000	30	276.0000
10647	39	18.0000	20	360.0000
10648	22	21.0000	15	315.0000
10648	24	4.5000	15	67.5000
10649	28	45.6000	20	912.0000
10649	72	34.8000	15	522.0000
10650	30	25.8900	30	776.7000
10650	53	32.8000	25	820.0000
10650	54	7.4500	30	223.5000
10651	19	9.2000	12	110.4000
10651	22	21.0000	20	420.0000
10652	30	25.8900	2	51.7800
10652	42	14.0000	20	280.0000
10653	16	17.4500	30	523.5000
10653	60	34.0000	20	680.0000
10654	4	22.0000	12	264.0000
10654	39	18.0000	20	360.0000
10654	54	7.4500	6	44.7000
10655	41	9.6500	20	193.0000
10656	14	23.2500	3	69.7500
10656	44	19.4500	28	544.6000
10656	47	9.5000	6	57.0000
10657	15	15.5000	50	775.0000
10657	41	9.6500	24	231.6000
10657	46	12.0000	45	540.0000
10657	47	9.5000	10	95.0000

10657	56	38.0000	45	1710.0000
10657	60	34.0000	30	1020.0000
10658	21	10.0000	60	600.0000
10658	40	18.4000	70	1288.0000
10658	60	34.0000	55	1870.0000
10658	77	13.0000	70	910.0000
10659	31	12.5000	20	250.0000
10659	40	18.4000	24	441.6000
10659	70	15.0000	40	600.0000
10660	20	81.0000	21	1701.0000
10661	39	18.0000	3	54.0000
10661	58	13.2500	49	649.2500
10662	68	12.5000	10	125.0000
10663	40	18.4000	30	552.0000
10663	42	14.0000	30	420.0000
10663	51	53.0000	20	1060.0000
10664	10	31.0000	24	744.0000
10664	56	38.0000	12	456.0000
10664	65	21.0500	15	315.7500
10665	51	53.0000	20	1060.0000
10665	59	55.0000	1	55.0000
10665	76	18.0000	10	180.0000
10666	29	123.7900	36	4456.4400
10666	65	21.0500	10	210.5000
10667	69	36.0000	45	1620.0000
10667	71	21.5000	14	301.0000
10668	31	12.5000	8	100.0000
10668	55	24.0000	4	96.0000
10668	64	33.2500	15	498.7500
10669	36	19.0000	30	570.0000
10670	23	9.0000	32	288.0000
10670	46	12.0000	60	720.0000
10670	67	14.0000	25	350.0000
10670	73	15.0000	50	750.0000
10670	75	7.7500	25	193.7500
10671	16	17.4500	10	174.5000
10671	62	49.3000	10	493.0000
10671	65	21.0500	12	252.6000
10672	38	263.5000	15	3952.5000
10672	71	21.5000	12	258.0000

10673	16	17.4500	3	52.3500
10673	42	14.0000	6	84.0000
10673	43	46.0000	6	276.0000
10674	23	9.0000	5	45.0000
10675	14	23.2500	30	697.5000
10675	53	32.8000	10	328.0000
10675	58	13.2500	30	397.5000
10676	10	31.0000	2	62.0000
10676	19	9.2000	7	64.4000
10676	44	19.4500	21	408.4500
10677	26	31.2300	30	936.9000
10677	33	2.5000	8	20.0000
10678	12	38.0000	100	3800.0000
10678	33	2.5000	30	75.0000
10678	41	9.6500	120	1158.0000
10678	54	7.4500	30	223.5000
10679	59	55.0000	12	660.0000
10680	16	17.4500	50	872.5000
10680	31	12.5000	20	250.0000
10680	42	14.0000	40	560.0000
10681	19	9.2000	30	276.0000
10681	21	10.0000	12	120.0000
10681	64	33.2500	28	931.0000
10682	33	2.5000	30	75.0000
10682	66	17.0000	4	68.0000
10682	75	7.7500	30	232.5000
10683	52	7.0000	9	63.0000
10684	40	18.4000	20	368.0000
10684	47	9.5000	40	380.0000
10684	60	34.0000	30	1020.0000
10685	10	31.0000	20	620.0000
10685	41	9.6500	4	38.6000
10685	47	9.5000	15	142.5000
10686	17	39.0000	30	1170.0000
10686	26	31.2300	15	468.4500
10687	9	97.0000	50	4850.0000
10687	29	123.7900	10	1237.9000
10687	36	19.0000	6	114.0000
10688	10	31.0000	18	558.0000
10688	28	45.6000	60	2736.0000

10688	34	14.0000	14	196.0000
10689	1	18.0000	35	630.0000
10690	56	38.0000	20	760.0000
10690	77	13.0000	30	390.0000
10691	1	18.0000	30	540.0000
10691	29	123.7900	40	4951.6000
10691	43	46.0000	40	1840.0000
10691	44	19.4500	24	466.8000
10691	62	49.3000	48	2366.4000
10692	63	43.9000	20	878.0000
10693	9	97.0000	6	582.0000
10693	54	7.4500	60	447.0000
10693	69	36.0000	30	1080.0000
10693	73	15.0000	15	225.0000
10694	7	30.0000	90	2700.0000
10694	59	55.0000	25	1375.0000
10694	70	15.0000	50	750.0000
10695	8	40.0000	10	400.0000
10695	12	38.0000	4	152.0000
10695	24	4.5000	20	90.0000
10696	17	39.0000	20	780.0000
10696	46	12.0000	18	216.0000
10697	19	9.2000	7	64.4000
10697	35	18.0000	9	162.0000
10697	58	13.2500	30	397.5000
10697	70	15.0000	30	450.0000
10698	11	21.0000	15	315.0000
10698	17	39.0000	8	312.0000
10698	29	123.7900	12	1485.4800
10698	65	21.0500	65	1368.2500
10698	70	15.0000	8	120.0000
10699	47	9.5000	12	114.0000
10700	1	18.0000	5	90.0000
10700	34	14.0000	12	168.0000
10700	68	12.5000	40	500.0000
10700	71	21.5000	60	1290.0000
10701	59	55.0000	42	2310.0000
10701	71	21.5000	20	430.0000
10701	76	18.0000	35	630.0000
10702	3	10.0000	6	60.0000

10702	76	18.0000	15	270.0000
10703	2	19.0000	5	95.0000
10703	59	55.0000	35	1925.0000
10703	73	15.0000	35	525.0000
10704	4	22.0000	6	132.0000
10704	24	4.5000	35	157.5000
10704	48	12.7500	24	306.0000
10705	31	12.5000	20	250.0000
10705	32	32.0000	4	128.0000
10706	16	17.4500	20	349.0000
10706	43	46.0000	24	1104.0000
10706	59	55.0000	8	440.0000
10707	55	24.0000	21	504.0000
10707	57	19.5000	40	780.0000
10707	70	15.0000	28	420.0000
10708	5	21.3500	4	85.4000
10708	36	19.0000	5	95.0000
10709	8	40.0000	40	1600.0000
10709	51	53.0000	28	1484.0000
10709	60	34.0000	10	340.0000
10710	19	9.2000	5	46.0000
10710	47	9.5000	5	47.5000
10711	19	9.2000	12	110.4000
10711	41	9.6500	42	405.3000
10711	53	32.8000	120	3936.0000
10712	53	32.8000	3	98.4000
10712	56	38.0000	30	1140.0000
10713	10	31.0000	18	558.0000
10713	26	31.2300	30	936.9000
10713	45	9.5000	110	1045.0000
10713	46	12.0000	24	288.0000
10714	2	19.0000	30	570.0000
10714	17	39.0000	27	1053.0000
10714	47	9.5000	50	475.0000
10714	56	38.0000	18	684.0000
10714	58	13.2500	12	159.0000
10715	10	31.0000	21	651.0000
10715	71	21.5000	30	645.0000
10716	21	10.0000	5	50.0000
10716	51	53.0000	7	371.0000

10716	61	28.5000	10	285.0000
10717	21	10.0000	32	320.0000
10717	54	7.4500	15	111.7500
10717	69	36.0000	25	900.0000
10718	12	38.0000	36	1368.0000
10718	16	17.4500	20	349.0000
10718	36	19.0000	40	760.0000
10718	62	49.3000	20	986.0000
10719	18	62.5000	12	750.0000
10719	30	25.8900	3	77.6700
10719	54	7.4500	40	298.0000
10720	35	18.0000	21	378.0000
10720	71	21.5000	8	172.0000
10721	44	19.4500	50	972.5000
10722	2	19.0000	3	57.0000
10722	31	12.5000	50	625.0000
10722	68	12.5000	45	562.5000
10722	75	7.7500	42	325.5000
10723	26	31.2300	15	468.4500
10724	10	31.0000	16	496.0000
10724	61	28.5000	5	142.5000
10725	41	9.6500	12	115.8000
10725	52	7.0000	4	28.0000
10725	55	24.0000	6	144.0000
10726	4	22.0000	25	550.0000
10726	11	21.0000	5	105.0000
10727	17	39.0000	20	780.0000
10727	56	38.0000	10	380.0000
10727	59	55.0000	10	550.0000
10728	30	25.8900	15	388.3500
10728	40	18.4000	6	110.4000
10728	55	24.0000	12	288.0000
10728	60	34.0000	15	510.0000
10729	1	18.0000	50	900.0000
10729	21	10.0000	30	300.0000
10729	50	16.2500	40	650.0000
10730	16	17.4500	15	261.7500
10730	31	12.5000	3	37.5000
10730	65	21.0500	10	210.5000
10731	21	10.0000	40	400.0000

10731	51	53.0000	30	1590.0000
10732	76	18.0000	20	360.0000
10733	14	23.2500	16	372.0000
10733	28	45.6000	20	912.0000
10733	52	7.0000	25	175.0000
10734	6	25.0000	30	750.0000
10734	30	25.8900	15	388.3500
10734	76	18.0000	20	360.0000
10735	61	28.5000	20	570.0000
10735	77	13.0000	2	26.0000
10736	65	21.0500	40	842.0000
10736	75	7.7500	20	155.0000
10737	13	6.0000	4	24.0000
10737	41	9.6500	12	115.8000
10738	16	17.4500	3	52.3500
10739	36	19.0000	6	114.0000
10739	52	7.0000	18	126.0000
10740	28	45.6000	5	228.0000
10740	35	18.0000	35	630.0000
10740	45	9.5000	40	380.0000
10740	56	38.0000	14	532.0000
10741	2	19.0000	15	285.0000
10742	3	10.0000	20	200.0000
10742	60	34.0000	50	1700.0000
10742	72	34.8000	35	1218.0000
10743	46	12.0000	28	336.0000
10744	40	18.4000	50	920.0000
10745	18	62.5000	24	1500.0000
10745	44	19.4500	16	311.2000
10745	59	55.0000	45	2475.0000
10745	72	34.8000	7	243.6000
10746	13	6.0000	6	36.0000
10746	42	14.0000	28	392.0000
10746	62	49.3000	9	443.7000
10746	69	36.0000	40	1440.0000
10747	31	12.5000	8	100.0000
10747	41	9.6500	35	337.7500
10747	63	43.9000	9	395.1000
10747	69	36.0000	30	1080.0000
10748	23	9.0000	44	396.0000

10748	40	18.4000	40	736.0000
10748	56	38.0000	28	1064.0000
10749	56	38.0000	15	570.0000
10749	59	55.0000	6	330.0000
10749	76	18.0000	10	180.0000
10750	14	23.2500	5	116.2500
10750	45	9.5000	40	380.0000
10750	59	55.0000	25	1375.0000
10751	26	31.2300	12	374.7600
10751	30	25.8900	30	776.7000
10751	50	16.2500	20	325.0000
10751	73	15.0000	15	225.0000
10752	1	18.0000	8	144.0000
10752	69	36.0000	3	108.0000
10753	45	9.5000	4	38.0000
10753	74	10.0000	5	50.0000
10754	40	18.4000	3	55.2000
10755	47	9.5000	30	285.0000
10755	56	38.0000	30	1140.0000
10755	57	19.5000	14	273.0000
10755	69	36.0000	25	900.0000
10756	18	62.5000	21	1312.5000
10756	36	19.0000	20	380.0000
10756	68	12.5000	6	75.0000
10756	69	36.0000	20	720.0000
10757	34	14.0000	30	420.0000
10757	59	55.0000	7	385.0000
10757	62	49.3000	30	1479.0000
10757	64	33.2500	24	798.0000
10758	26	31.2300	20	624.6000
10758	52	7.0000	60	420.0000
10758	70	15.0000	40	600.0000
10759	32	32.0000	10	320.0000
10760	25	14.0000	12	168.0000
10760	27	43.9000	40	1756.0000
10760	43	46.0000	30	1380.0000
10761	25	14.0000	35	490.0000
10761	75	7.7500	18	139.5000
10762	39	18.0000	16	288.0000
10762	47	9.5000	30	285.0000

10762	51	53.0000	28	1484.0000
10762	56	38.0000	60	2280.0000
10763	21	10.0000	40	400.0000
10763	22	21.0000	6	126.0000
10763	24	4.5000	20	90.0000
10764	3	10.0000	20	200.0000
10764	39	18.0000	130	2340.0000
10765	65	21.0500	80	1684.0000
10766	2	19.0000	40	760.0000
10766	7	30.0000	35	1050.0000
10766	68	12.5000	40	500.0000
10767	42	14.0000	2	28.0000
10768	22	21.0000	4	84.0000
10768	31	12.5000	50	625.0000
10768	60	34.0000	15	510.0000
10768	71	21.5000	12	258.0000
10769	41	9.6500	30	289.5000
10769	52	7.0000	15	105.0000
10769	61	28.5000	20	570.0000
10769	62	49.3000	15	739.5000
10770	11	21.0000	15	315.0000
10771	71	21.5000	16	344.0000
10772	29	123.7900	18	2228.2200
10772	59	55.0000	25	1375.0000
10773	17	39.0000	33	1287.0000
10773	31	12.5000	70	875.0000
10773	75	7.7500	7	54.2500
10774	31	12.5000	2	25.0000
10774	66	17.0000	50	850.0000
10775	10	31.0000	6	186.0000
10775	67	14.0000	3	42.0000
10776	31	12.5000	16	200.0000
10776	42	14.0000	12	168.0000
10776	45	9.5000	27	256.5000
10776	51	53.0000	120	6360.0000
10777	42	14.0000	20	280.0000
10778	41	9.6500	10	96.5000
10779	16	17.4500	20	349.0000
10779	62	49.3000	20	986.0000
10780	70	15.0000	35	525.0000

10780	77	13.0000	15	195.0000
10781	54	7.4500	3	22.3500
10781	56	38.0000	20	760.0000
10781	74	10.0000	35	350.0000
10782	31	12.5000	1	12.5000
10783	31	12.5000	10	125.0000
10783	38	263.5000	5	1317.5000
10784	36	19.0000	30	570.0000
10784	39	18.0000	2	36.0000
10784	72	34.8000	30	1044.0000
10785	10	31.0000	10	310.0000
10785	75	7.7500	10	77.5000
10786	8	40.0000	30	1200.0000
10786	30	25.8900	15	388.3500
10786	75	7.7500	42	325.5000
10787	2	19.0000	15	285.0000
10787	29	123.7900	20	2475.8000
10788	19	9.2000	50	460.0000
10788	75	7.7500	40	310.0000
10789	18	62.5000	30	1875.0000
10789	35	18.0000	15	270.0000
10789	63	43.9000	30	1317.0000
10789	68	12.5000	18	225.0000
10790	7	30.0000	3	90.0000
10790	56	38.0000	20	760.0000
10791	29	123.7900	14	1733.0600
10791	41	9.6500	20	193.0000
10792	2	19.0000	10	190.0000
10792	54	7.4500	3	22.3500
10792	68	12.5000	15	187.5000
10793	41	9.6500	14	135.1000
10793	52	7.0000	8	56.0000
10794	14	23.2500	15	348.7500
10794	54	7.4500	6	44.7000
10795	16	17.4500	65	1134.2500
10795	17	39.0000	35	1365.0000
10796	26	31.2300	21	655.8300
10796	44	19.4500	10	194.5000
10796	64	33.2500	35	1163.7500
10796	69	36.0000	24	864.0000

10797	11	21.0000	20	420.0000
10798	62	49.3000	2	98.6000
10798	72	34.8000	10	348.0000
10799	13	6.0000	20	120.0000
10799	24	4.5000	20	90.0000
10799	59	55.0000	25	1375.0000
10800	11	21.0000	50	1050.0000
10800	51	53.0000	10	530.0000
10800	54	7.4500	7	52.1500
10801	17	39.0000	40	1560.0000
10801	29	123.7900	20	2475.8000
10802	30	25.8900	25	647.2500
10802	51	53.0000	30	1590.0000
10802	55	24.0000	60	1440.0000
10802	62	49.3000	5	246.5000
10803	19	9.2000	24	220.8000
10803	25	14.0000	15	210.0000
10803	59	55.0000	15	825.0000
10804	10	31.0000	36	1116.0000
10804	28	45.6000	24	1094.4000
10804	49	20.0000	4	80.0000
10805	34	14.0000	10	140.0000
10805	38	263.5000	10	2635.0000
10806	2	19.0000	20	380.0000
10806	65	21.0500	2	42.1000
10806	74	10.0000	15	150.0000
10807	40	18.4000	1	18.4000
10808	56	38.0000	20	760.0000
10808	76	18.0000	50	900.0000
10809	52	7.0000	20	140.0000
10810	13	6.0000	7	42.0000
10810	25	14.0000	5	70.0000
10810	70	15.0000	5	75.0000
10811	19	9.2000	15	138.0000
10811	23	9.0000	18	162.0000
10811	40	18.4000	30	552.0000
10812	31	12.5000	16	200.0000
10812	72	34.8000	40	1392.0000
10812	77	13.0000	20	260.0000
10813	2	19.0000	12	228.0000

10813	46	12.0000	35	420.0000
10814	41	9.6500	20	193.0000
10814	43	46.0000	20	920.0000
10814	48	12.7500	8	102.0000
10814	61	28.5000	30	855.0000
10815	33	2.5000	16	40.0000
10816	38	263.5000	30	7905.0000
10816	62	49.3000	20	986.0000
10817	26	31.2300	40	1249.2000
10817	38	263.5000	30	7905.0000
10817	40	18.4000	60	1104.0000
10817	62	49.3000	25	1232.5000
10818	32	32.0000	20	640.0000
10818	41	9.6500	20	193.0000
10819	43	46.0000	7	322.0000
10819	75	7.7500	20	155.0000
10820	56	38.0000	30	1140.0000
10821	35	18.0000	20	360.0000
10821	51	53.0000	6	318.0000
10822	62	49.3000	3	147.9000
10822	70	15.0000	6	90.0000
10823	11	21.0000	20	420.0000
10823	57	19.5000	15	292.5000
10823	59	55.0000	40	2200.0000
10823	77	13.0000	15	195.0000
10824	41	9.6500	12	115.8000
10824	70	15.0000	9	135.0000
10825	26	31.2300	12	374.7600
10825	53	32.8000	20	656.0000
10826	31	12.5000	35	437.5000
10826	57	19.5000	15	292.5000
10827	10	31.0000	15	465.0000
10827	39	18.0000	21	378.0000
10828	20	81.0000	5	405.0000
10828	38	263.5000	2	527.0000
10829	2	19.0000	10	190.0000
10829	8	40.0000	20	800.0000
10829	13	6.0000	10	60.0000
10829	60	34.0000	21	714.0000
10830	6	25.0000	6	150.0000

10830	39	18.0000	28	504.0000
10830	60	34.0000	30	1020.0000
10830	68	12.5000	24	300.0000
10831	19	9.2000	2	18.4000
10831	35	18.0000	8	144.0000
10831	38	263.5000	8	2108.0000
10831	43	46.0000	9	414.0000
10832	13	6.0000	3	18.0000
10832	25	14.0000	10	140.0000
10832	44	19.4500	16	311.2000
10832	64	33.2500	3	99.7500
10833	7	30.0000	20	600.0000
10833	31	12.5000	9	112.5000
10833	53	32.8000	9	295.2000
10834	29	123.7900	8	990.3200
10834	30	25.8900	20	517.8000
10835	59	55.0000	15	825.0000
10835	77	13.0000	2	26.0000
10836	22	21.0000	52	1092.0000
10836	35	18.0000	6	108.0000
10836	57	19.5000	24	468.0000
10836	60	34.0000	60	2040.0000
10836	64	33.2500	30	997.5000
10837	13	6.0000	6	36.0000
10837	40	18.4000	25	460.0000
10837	47	9.5000	40	380.0000
10837	76	18.0000	21	378.0000
10838	1	18.0000	4	72.0000
10838	18	62.5000	25	1562.5000
10838	36	19.0000	50	950.0000
10839	58	13.2500	30	397.5000
10839	72	34.8000	15	522.0000
10840	25	14.0000	6	84.0000
10840	39	18.0000	10	180.0000
10841	10	31.0000	16	496.0000
10841	56	38.0000	30	1140.0000
10841	59	55.0000	50	2750.0000
10841	77	13.0000	15	195.0000
10842	11	21.0000	15	315.0000
10842	43	46.0000	5	230.0000

10842	68	12.5000	20	250.0000
10842	70	15.0000	12	180.0000
10843	51	53.0000	4	212.0000
10844	22	21.0000	35	735.0000
10845	23	9.0000	70	630.0000
10845	35	18.0000	25	450.0000
10845	42	14.0000	42	588.0000
10845	58	13.2500	60	795.0000
10845	64	33.2500	48	1596.0000
10846	4	22.0000	21	462.0000
10846	70	15.0000	30	450.0000
10846	74	10.0000	20	200.0000
10847	1	18.0000	80	1440.0000
10847	19	9.2000	12	110.4000
10847	37	26.0000	60	1560.0000
10847	45	9.5000	36	342.0000
10847	60	34.0000	45	1530.0000
10847	71	21.5000	55	1182.5000
10848	5	21.3500	30	640.5000
10848	9	97.0000	3	291.0000
10849	3	10.0000	49	490.0000
10849	26	31.2300	18	562.1400
10850	25	14.0000	20	280.0000
10850	33	2.5000	4	10.0000
10850	70	15.0000	30	450.0000
10851	2	19.0000	5	95.0000
10851	25	14.0000	10	140.0000
10851	57	19.5000	10	195.0000
10851	59	55.0000	42	2310.0000
10852	2	19.0000	15	285.0000
10852	17	39.0000	6	234.0000
10852	62	49.3000	50	2465.0000
10853	18	62.5000	10	625.0000
10854	10	31.0000	100	3100.0000
10854	13	6.0000	65	390.0000
10855	16	17.4500	50	872.5000
10855	31	12.5000	14	175.0000
10855	56	38.0000	24	912.0000
10855	65	21.0500	15	315.7500
10856	2	19.0000	20	380.0000

10856	42	14.0000	20	280.0000
10857	3	10.0000	30	300.0000
10857	26	31.2300	35	1093.0500
10857	29	123.7900	10	1237.9000
10858	7	30.0000	5	150.0000
10858	27	43.9000	10	439.0000
10858	70	15.0000	4	60.0000
10859	24	4.5000	40	180.0000
10859	54	7.4500	35	260.7500
10859	64	33.2500	30	997.5000
10860	51	53.0000	3	159.0000
10860	76	18.0000	20	360.0000
10861	17	39.0000	42	1638.0000
10861	18	62.5000	20	1250.0000
10861	21	10.0000	40	400.0000
10861	33	2.5000	35	87.5000
10861	62	49.3000	3	147.9000
10862	11	21.0000	25	525.0000
10862	52	7.0000	8	56.0000
10863	1	18.0000	20	360.0000
10863	58	13.2500	12	159.0000
10864	35	18.0000	4	72.0000
10864	67	14.0000	15	210.0000
10865	38	263.5000	60	15810.0000
10865	39	18.0000	80	1440.0000
10866	2	19.0000	21	399.0000
10866	24	4.5000	6	27.0000
10866	30	25.8900	40	1035.6000
10867	53	32.8000	3	98.4000
10868	26	31.2300	20	624.6000
10868	35	18.0000	30	540.0000
10868	49	20.0000	42	840.0000
10869	1	18.0000	40	720.0000
10869	11	21.0000	10	210.0000
10869	23	9.0000	50	450.0000
10869	68	12.5000	20	250.0000
10870	35	18.0000	3	54.0000
10870	51	53.0000	2	106.0000
10871	6	25.0000	50	1250.0000
10871	16	17.4500	12	209.4000

10871	17	39.0000	16	624.0000
10872	55	24.0000	10	240.0000
10872	62	49.3000	20	986.0000
10872	64	33.2500	15	498.7500
10872	65	21.0500	21	442.0500
10873	21	10.0000	20	200.0000
10873	28	45.6000	3	136.8000
10874	10	31.0000	10	310.0000
10875	19	9.2000	25	230.0000
10875	47	9.5000	21	199.5000
10875	49	20.0000	15	300.0000
10876	46	12.0000	21	252.0000
10876	64	33.2500	20	665.0000
10877	16	17.4500	30	523.5000
10877	18	62.5000	25	1562.5000
10878	20	81.0000	20	1620.0000
10879	40	18.4000	12	220.8000
10879	65	21.0500	10	210.5000
10879	76	18.0000	10	180.0000
10880	23	9.0000	30	270.0000
10880	61	28.5000	30	855.0000
10880	70	15.0000	50	750.0000
10881	73	15.0000	10	150.0000
10882	42	14.0000	25	350.0000
10882	49	20.0000	20	400.0000
10882	54	7.4500	32	238.4000
10883	24	4.5000	8	36.0000
10884	21	10.0000	40	400.0000
10884	56	38.0000	21	798.0000
10884	65	21.0500	12	252.6000
10885	2	19.0000	20	380.0000
10885	24	4.5000	12	54.0000
10885	70	15.0000	30	450.0000
10885	77	13.0000	25	325.0000
10886	10	31.0000	70	2170.0000
10886	31	12.5000	35	437.5000
10886	77	13.0000	40	520.0000
10887	25	14.0000	5	70.0000
10888	2	19.0000	20	380.0000
10888	68	12.5000	18	225.0000

10889	11	21.0000	40	840.0000
10889	38	263.5000	40	10540.0000
10890	17	39.0000	15	585.0000
10890	34	14.0000	10	140.0000
10890	41	9.6500	14	135.1000
10891	30	25.8900	15	388.3500
10892	59	55.0000	40	2200.0000
10893	8	40.0000	30	1200.0000
10893	24	4.5000	10	45.0000
10893	29	123.7900	24	2970.9600
10893	30	25.8900	35	906.1500
10893	36	19.0000	20	380.0000
10894	13	6.0000	28	168.0000
10894	69	36.0000	50	1800.0000
10894	75	7.7500	120	930.0000
10895	24	4.5000	110	495.0000
10895	39	18.0000	45	810.0000
10895	40	18.4000	91	1674.4000
10895	60	34.0000	100	3400.0000
10896	45	9.5000	15	142.5000
10896	56	38.0000	16	608.0000
10897	29	123.7900	80	9903.2000
10897	30	25.8900	36	932.0400
10898	13	6.0000	5	30.0000
10899	39	18.0000	8	144.0000
10900	70	15.0000	3	45.0000
10901	41	9.6500	30	289.5000
10901	71	21.5000	30	645.0000
10902	55	24.0000	30	720.0000
10902	62	49.3000	6	295.8000
10903	13	6.0000	40	240.0000
10903	65	21.0500	21	442.0500
10903	68	12.5000	20	250.0000
10904	58	13.2500	15	198.7500
10904	62	49.3000	35	1725.5000
10905	1	18.0000	20	360.0000
10906	61	28.5000	15	427.5000
10907	75	7.7500	14	108.5000
10908	7	30.0000	20	600.0000
10908	52	7.0000	14	98.0000

10909	7	30.0000	12	360.0000
10909	16	17.4500	15	261.7500
10909	41	9.6500	5	48.2500
10910	19	9.2000	12	110.4000
10910	49	20.0000	10	200.0000
10910	61	28.5000	5	142.5000
10911	1	18.0000	10	180.0000
10911	17	39.0000	12	468.0000
10911	67	14.0000	15	210.0000
10912	11	21.0000	40	840.0000
10912	29	123.7900	60	7427.4000
10913	4	22.0000	30	660.0000
10913	33	2.5000	40	100.0000
10913	58	13.2500	15	198.7500
10914	71	21.5000	25	537.5000
10915	17	39.0000	10	390.0000
10915	33	2.5000	30	75.0000
10915	54	7.4500	10	74.5000
10916	16	17.4500	6	104.7000
10916	32	32.0000	6	192.0000
10916	57	19.5000	20	390.0000
10917	30	25.8900	1	25.8900
10917	60	34.0000	10	340.0000
10918	1	18.0000	60	1080.0000
10918	60	34.0000	25	850.0000
10919	16	17.4500	24	418.8000
10919	25	14.0000	24	336.0000
10919	40	18.4000	20	368.0000
10920	50	16.2500	24	390.0000
10921	35	18.0000	10	180.0000
10921	63	43.9000	40	1756.0000
10922	17	39.0000	15	585.0000
10922	24	4.5000	35	157.5000
10923	42	14.0000	10	140.0000
10923	43	46.0000	10	460.0000
10923	67	14.0000	24	336.0000
10924	10	31.0000	20	620.0000
10924	28	45.6000	30	1368.0000
10924	75	7.7500	6	46.5000
10925	36	19.0000	25	475.0000

10925	52	7.0000	12	84.0000
10926	11	21.0000	2	42.0000
10926	13	6.0000	10	60.0000
10926	19	9.2000	7	64.4000
10926	72	34.8000	10	348.0000
10927	20	81.0000	5	405.0000
10927	52	7.0000	5	35.0000
10927	76	18.0000	20	360.0000
10928	47	9.5000	5	47.5000
10928	76	18.0000	5	90.0000
10929	21	10.0000	60	600.0000
10929	75	7.7500	49	379.7500
10929	77	13.0000	15	195.0000
10930	21	10.0000	36	360.0000
10930	27	43.9000	25	1097.5000
10930	55	24.0000	25	600.0000
10930	58	13.2500	30	397.5000
10931	13	6.0000	42	252.0000
10931	57	19.5000	30	585.0000
10932	16	17.4500	30	523.5000
10932	62	49.3000	14	690.2000
10932	72	34.8000	16	556.8000
10932	75	7.7500	20	155.0000
10933	53	32.8000	2	65.6000
10933	61	28.5000	30	855.0000
10934	6	25.0000	20	500.0000
10935	1	18.0000	21	378.0000
10935	18	62.5000	4	250.0000
10935	23	9.0000	8	72.0000
10936	36	19.0000	30	570.0000
10937	28	45.6000	8	364.8000
10937	34	14.0000	20	280.0000
10938	13	6.0000	20	120.0000
10938	43	46.0000	24	1104.0000
10938	60	34.0000	49	1666.0000
10938	71	21.5000	35	752.5000
10939	2	19.0000	10	190.0000
10939	67	14.0000	40	560.0000
10940	7	30.0000	8	240.0000
10940	13	6.0000	20	120.0000

10941	31	12.5000	44	550.0000
10941	62	49.3000	30	1479.0000
10941	68	12.5000	80	1000.0000
10941	72	34.8000	50	1740.0000
10942	49	20.0000	28	560.0000
10943	13	6.0000	15	90.0000
10943	22	21.0000	21	441.0000
10943	46	12.0000	15	180.0000
10944	11	21.0000	5	105.0000
10944	44	19.4500	18	350.1000
10944	56	38.0000	18	684.0000
10945	13	6.0000	20	120.0000
10945	31	12.5000	10	125.0000
10946	10	31.0000	25	775.0000
10946	24	4.5000	25	112.5000
10946	77	13.0000	40	520.0000
10947	59	55.0000	4	220.0000
10948	50	16.2500	9	146.2500
10948	51	53.0000	40	2120.0000
10948	55	24.0000	4	96.0000
10949	6	25.0000	12	300.0000
10949	10	31.0000	30	930.0000
10949	17	39.0000	6	234.0000
10949	62	49.3000	60	2958.0000
10950	4	22.0000	5	110.0000
10951	33	2.5000	15	37.5000
10951	41	9.6500	6	57.9000
10951	75	7.7500	50	387.5000
10952	6	25.0000	16	400.0000
10952	28	45.6000	2	91.2000
10953	20	81.0000	50	4050.0000
10953	31	12.5000	50	625.0000
10954	16	17.4500	28	488.6000
10954	31	12.5000	25	312.5000
10954	45	9.5000	30	285.0000
10954	60	34.0000	24	816.0000
10955	75	7.7500	12	93.0000
10956	21	10.0000	12	120.0000
10956	47	9.5000	14	133.0000
10956	51	53.0000	8	424.0000

10957	30	25.8900	30	776.7000
10957	35	18.0000	40	720.0000
10957	64	33.2500	8	266.0000
10958	5	21.3500	20	427.0000
10958	7	30.0000	6	180.0000
10958	72	34.8000	5	174.0000
10959	75	7.7500	20	155.0000
10960	24	4.5000	10	45.0000
10960	41	9.6500	24	231.6000
10961	52	7.0000	6	42.0000
10961	76	18.0000	60	1080.0000
10962	7	30.0000	45	1350.0000
10962	13	6.0000	77	462.0000
10962	53	32.8000	20	656.0000
10962	69	36.0000	9	324.0000
10962	76	18.0000	44	792.0000
10963	60	34.0000	2	68.0000
10964	18	62.5000	6	375.0000
10964	38	263.5000	5	1317.5000
10964	69	36.0000	10	360.0000
10965	51	53.0000	16	848.0000
10966	37	26.0000	8	208.0000
10966	56	38.0000	12	456.0000
10966	62	49.3000	12	591.6000
10967	19	9.2000	12	110.4000
10967	49	20.0000	40	800.0000
10968	12	38.0000	30	1140.0000
10968	24	4.5000	30	135.0000
10968	64	33.2500	4	133.0000
10969	46	12.0000	9	108.0000
10970	52	7.0000	40	280.0000
10971	29	123.7900	14	1733.0600
10972	17	39.0000	6	234.0000
10972	33	2.5000	7	17.5000
10973	26	31.2300	5	156.1500
10973	41	9.6500	6	57.9000
10973	75	7.7500	10	77.5000
10974	63	43.9000	10	439.0000
10975	8	40.0000	16	640.0000
10975	75	7.7500	10	77.5000

10976	28	45.6000	20	912.0000
10977	39	18.0000	30	540.0000
10977	47	9.5000	30	285.0000
10977	51	53.0000	10	530.0000
10977	63	43.9000	20	878.0000
10978	8	40.0000	20	800.0000
10978	21	10.0000	40	400.0000
10978	40	18.4000	10	184.0000
10978	44	19.4500	6	116.7000
10979	7	30.0000	18	540.0000
10979	12	38.0000	20	760.0000
10979	24	4.5000	80	360.0000
10979	27	43.9000	30	1317.0000
10979	31	12.5000	24	300.0000
10979	63	43.9000	35	1536.5000
10980	75	7.7500	40	310.0000
10981	38	263.5000	60	15810.0000
10982	7	30.0000	20	600.0000
10982	43	46.0000	9	414.0000
10983	13	6.0000	84	504.0000
10983	57	19.5000	15	292.5000
10984	16	17.4500	55	959.7500
10984	24	4.5000	20	90.0000
10984	36	19.0000	40	760.0000
10985	16	17.4500	36	628.2000
10985	18	62.5000	8	500.0000
10985	32	32.0000	35	1120.0000
10986	11	21.0000	30	630.0000
10986	20	81.0000	15	1215.0000
10986	76	18.0000	10	180.0000
10986	77	13.0000	15	195.0000
10987	7	30.0000	60	1800.0000
10987	43	46.0000	6	276.0000
10987	72	34.8000	20	696.0000
10988	7	30.0000	60	1800.0000
10988	62	49.3000	40	1972.0000
10989	6	25.0000	40	1000.0000
10989	11	21.0000	15	315.0000
10989	41	9.6500	4	38.6000
10990	21	10.0000	65	650.0000

10990	34	14.0000	60	840.0000
10990	55	24.0000	65	1560.0000
10990	61	28.5000	66	1881.0000
10991	2	19.0000	50	950.0000
10991	70	15.0000	20	300.0000
10991	76	18.0000	90	1620.0000
10992	72	34.8000	2	69.6000
10993	29	123.7900	50	6189.5000
10993	41	9.6500	35	337.7500
10994	59	55.0000	18	990.0000
10995	51	53.0000	20	1060.0000
10995	60	34.0000	4	136.0000
10996	42	14.0000	40	560.0000
10997	32	32.0000	50	1600.0000
10997	46	12.0000	20	240.0000
10997	52	7.0000	20	140.0000
10998	24	4.5000	12	54.0000
10998	61	28.5000	7	199.5000
10998	74	10.0000	20	200.0000
10998	75	7.7500	30	232.5000
10999	41	9.6500	20	193.0000
10999	51	53.0000	15	795.0000
10999	77	13.0000	21	273.0000
11000	4	22.0000	25	550.0000
11000	24	4.5000	30	135.0000
11000	77	13.0000	30	390.0000
11001	7	30.0000	60	1800.0000
11001	22	21.0000	25	525.0000
11001	46	12.0000	25	300.0000
11001	55	24.0000	6	144.0000
11002	13	6.0000	56	336.0000
11002	35	18.0000	15	270.0000
11002	42	14.0000	24	336.0000
11002	55	24.0000	40	960.0000
11003	1	18.0000	4	72.0000
11003	40	18.4000	10	184.0000
11003	52	7.0000	10	70.0000
11004	26	73.5000	6	441.0000
11004	76	18.0000	6	108.0000
11005	1	18.0000	2	36.0000

11005	59	55.0000	10	550.0000
11006	1	18.0000	8	144.0000
11006	29	123.7900	2	247.5800
11007	8	40.0000	30	1200.0000
11007	29	123.7900	10	1237.9000
11007	42	14.0000	14	196.0000
11008	28	45.6000	70	3192.0000
11008	34	14.0000	90	1260.0000
11008	71	21.5000	21	451.5000
11009	24	4.5000	12	54.0000
11009	36	19.0000	18	342.0000
11009	60	34.0000	9	306.0000
11010	7	30.0000	20	600.0000
11010	24	4.5000	10	45.0000
11011	58	13.2500	40	530.0000
11011	71	21.5000	20	430.0000
11012	19	9.2000	50	460.0000
11012	60	34.0000	36	1224.0000
11012	71	21.5000	60	1290.0000
11013	23	9.0000	10	90.0000
11013	42	14.0000	4	56.0000
11013	45	9.5000	20	190.0000
11013	68	12.5000	2	25.0000
11014	41	9.6500	28	270.2000
11015	30	25.8900	15	388.3500
11015	77	13.0000	18	234.0000
11016	31	12.5000	15	187.5000
11016	36	19.0000	16	304.0000
11017	3	10.0000	25	250.0000
11017	59	55.0000	110	6050.0000
11017	70	15.0000	30	450.0000
11018	12	38.0000	20	760.0000
11018	18	62.5000	10	625.0000
11018	56	38.0000	5	190.0000
11019	46	12.0000	3	36.0000
11019	49	20.0000	2	40.0000
11020	10	31.0000	24	744.0000
11021	2	19.0000	11	209.0000
11021	20	81.0000	15	1215.0000
11021	26	31.2300	63	1967.4900

11021	51	53.0000	44	2332.0000
11021	72	34.8000	35	1218.0000
11022	19	9.2000	35	322.0000
11022	69	36.0000	30	1080.0000
11023	7	30.0000	4	120.0000
11023	43	46.0000	30	1380.0000
11024	26	31.2300	12	374.7600
11024	33	2.5000	30	75.0000
11024	65	21.0500	21	442.0500
11024	71	21.5000	50	1075.0000
11025	1	18.0000	10	180.0000
11025	13	6.0000	20	120.0000
11026	18	62.5000	8	500.0000
11026	51	53.0000	10	530.0000
11027	24	4.5000	30	135.0000
11027	62	49.3000	21	1035.3000
11028	55	24.0000	35	840.0000
11028	59	55.0000	24	1320.0000
11029	56	38.0000	20	760.0000
11029	63	43.9000	12	526.8000
11030	2	19.0000	100	1900.0000
11030	5	21.3500	70	1494.5000
11030	29	123.7900	60	7427.4000
11030	59	55.0000	100	5500.0000
11031	1	18.0000	45	810.0000
11031	13	6.0000	80	480.0000
11031	24	4.5000	21	94.5000
11031	64	33.2500	20	665.0000
11031	71	21.5000	16	344.0000
11032	36	19.0000	35	665.0000
11032	38	263.5000	25	6587.5000
11032	59	55.0000	30	1650.0000
11033	53	32.8000	70	2296.0000
11033	69	36.0000	36	1296.0000
11034	21	10.0000	15	150.0000
11034	44	19.4500	12	233.4000
11034	61	28.5000	6	171.0000
11035	1	18.0000	10	180.0000
11035	35	18.0000	60	1080.0000
11035	42	14.0000	30	420.0000

11035	54	7.4500	10	74.5000
11036	13	6.0000	7	42.0000
11036	59	55.0000	30	1650.0000
11037	70	15.0000	4	60.0000
11038	40	18.4000	5	92.0000
11038	52	7.0000	2	14.0000
11038	71	21.5000	30	645.0000
11039	28	45.6000	20	912.0000
11039	35	18.0000	24	432.0000
11039	49	20.0000	60	1200.0000
11039	57	19.5000	28	546.0000
11040	21	10.0000	20	200.0000
11041	2	19.0000	30	570.0000
11041	63	43.9000	30	1317.0000
11042	44	19.4500	15	291.7500
11042	61	28.5000	4	114.0000
11043	11	21.0000	10	210.0000
11044	62	49.3000	12	591.6000
11045	33	2.5000	15	37.5000
11045	51	53.0000	24	1272.0000
11046	12	38.0000	20	760.0000
11046	32	32.0000	15	480.0000
11046	35	18.0000	18	324.0000
11047	1	18.0000	25	450.0000
11047	5	21.3500	30	640.5000
11048	68	12.5000	42	525.0000
11049	2	19.0000	10	190.0000
11049	12	38.0000	4	152.0000
11050	76	18.0000	50	900.0000
11051	24	4.5000	10	45.0000
11052	43	46.0000	30	1380.0000
11052	61	28.5000	10	285.0000
11053	18	62.5000	35	2187.5000
11053	32	32.0000	20	640.0000
11053	64	33.2500	25	831.2500
11054	33	2.5000	10	25.0000
11054	67	14.0000	20	280.0000
11055	24	4.5000	15	67.5000
11055	25	14.0000	15	210.0000
11055	51	53.0000	20	1060.0000

11055	57	19.5000	20	390.0000
11056	7	30.0000	40	1200.0000
11056	55	24.0000	35	840.0000
11056	60	34.0000	50	1700.0000
11057	70	15.0000	3	45.0000
11058	21	10.0000	3	30.0000
11058	60	34.0000	21	714.0000
11058	61	28.5000	4	114.0000
11059	13	6.0000	30	180.0000
11059	17	39.0000	12	468.0000
11059	60	34.0000	35	1190.0000
11060	60	34.0000	4	136.0000
11060	77	13.0000	10	130.0000
11061	60	34.0000	15	510.0000
11062	53	32.8000	10	328.0000
11062	70	15.0000	12	180.0000
11063	34	14.0000	30	420.0000
11063	40	18.4000	40	736.0000
11063	41	9.6500	30	289.5000
11064	17	39.0000	77	3003.0000
11064	41	9.6500	12	115.8000
11064	53	32.8000	25	820.0000
11064	55	24.0000	4	96.0000
11064	68	12.5000	55	687.5000
11065	30	25.8900	4	103.5600
11065	54	7.4500	20	149.0000
11066	16	17.4500	3	52.3500
11066	19	9.2000	42	386.4000
11066	34	14.0000	35	490.0000
11067	41	9.6500	9	86.8500
11068	28	45.6000	8	364.8000
11068	43	46.0000	36	1656.0000
11068	77	13.0000	28	364.0000
11069	39	18.0000	20	360.0000
11070	1	18.0000	40	720.0000
11070	2	19.0000	20	380.0000
11070	16	17.4500	30	523.5000
11070	31	12.5000	20	250.0000
11071	7	30.0000	15	450.0000
11071	13	6.0000	10	60.0000

11072	2	19.0000	8	152.0000
11072	41	9.6500	40	386.0000
11072	50	16.2500	22	357.5000
11072	64	33.2500	130	4322.5000
11073	11	21.0000	10	210.0000
11073	24	4.5000	20	90.0000
11074	16	17.4500	14	244.3000
11075	2	19.0000	10	190.0000
11075	46	12.0000	30	360.0000
11075	76	18.0000	2	36.0000
11076	6	25.0000	20	500.0000
11076	14	23.2500	20	465.0000
11076	19	9.2000	10	92.0000
11077	2	19.0000	24	456.0000
11077	3	10.0000	4	40.0000
11077	4	22.0000	1	22.0000
11077	6	25.0000	1	25.0000
11077	7	30.0000	1	30.0000
11077	8	40.0000	2	80.0000
11077	10	31.0000	1	31.0000
11077	12	38.0000	2	76.0000
11077	13	6.0000	4	24.0000
11077	14	23.2500	1	23.2500
11077	16	17.4500	2	34.9000
11077	20	81.0000	1	81.0000
11077	23	9.0000	2	18.0000
11077	32	32.0000	1	32.0000
11077	39	18.0000	2	36.0000
11077	41	9.6500	3	28.9500
11077	46	12.0000	3	36.0000
11077	52	7.0000	2	14.0000
11077	55	24.0000	2	48.0000
11077	60	34.0000	2	68.0000
11077	64	33.2500	2	66.5000
11077	66	17.0000	1	17.0000
11077	73	15.0000	2	30.0000
11077	75	7.7500	4	31.0000
11077	77	13.0000	2	26.0000

14.) How many customers?

How many customers do we have in the Customers table? Show one value only, and don't rely on getting the recordcount at the end of a resultset.

In [29]:

```
Select
TotalCustomers = count(*)
from Customers
```

(1 row affected)

Total execution time: 00:00:00.004

Out[29]:

TotalCustomers
91

15.) When was the first order?

Show the date of the first order ever made in the Orders table.

In [30]:

```
Select
FirstOrder = min(OrderDate)
From Orders
```

(1 row affected)

Total execution time: 00:00:00.014

Out[30]:

FirstOrder
2014-07-04 08:00:00.000

16.) Countries where there are customers

Show a list of countries where the Northwind company has customers.

In [31]:

```
Select
Country
From Customers
Group by
Country
```

(21 rows affected)

Total execution time: 00:00:00.022

Out[31]:

Country
Argentina
Austria
Belgium
Brazil
Canada
Denmark
Finland
France
Germany
Ireland
Italy
Mexico
Norway
Poland
Portugal
Spain
Sweden
Switzerland
UK
USA
Venezuela

17.) Contact titles for customers

Show a list of all the different values in the Customers table for ContactTitles. Also include a count for each ContactTitle. This is similar in concept to the previous question "Countries where there are customers", except we now want a count for each ContactTitle

In [32]:

```
Select
ContactTitle
,TotalContactTitle = count(*)
From Customers
Group by
ContactTitle
Order by
count(*) desc
```

(12 rows affected)

Total execution time: 00:00:00.019

Out[32]:

ContactTitle	TotalContactTitle
Owner	17
Sales Representative	17
Marketing Manager	12
Sales Manager	11
Accounting Manager	10
Sales Associate	7
Marketing Assistant	6
Sales Agent	5
Assistant Sales Agent	2
Order Administrator	2
Assistant Sales Representative	1
Owner/Marketing Assistant	1

18.) Products with associated supplier names

We'd like to show, for each product, the associated Supplier. Show the ProductID, ProductName, and the CompanyName of the Supplier. Sort by ProductID. This question will introduce what may be a new concept, the Join clause in SQL. The Join clause is used to join two or more relational database tables together in a logical way. Here's a data model of the relationship between Products and Suppliers.

In [33]:

```sql
Select
ProductID
,ProductName
,Supplier = CompanyName
From Products
Join Suppliers
on Products.SupplierID = Suppliers.SupplierID
```

In [33]:

```sql
Select
ProductID
,ProductName
,Supplier = CompanyName
From Products
```

(77 rows affected)

Total execution time: 00:00:00.026

Out[33]:

ProductID	ProductName	Supplier
1	Chai	Exotic Liquids
2	Chang	Exotic Liquids
3	Aniseed Syrup	Exotic Liquids
4	Chef Anton's Cajun Seasoning	New Orleans Cajun Delights
5	Chef Anton's Gumbo Mix	New Orleans Cajun Delights
6	Grandma's Boysenberry Spread	Grandma Kelly's Homestead
7	Uncle Bob's Organic Dried Pears	Grandma Kelly's Homestead
8	Northwoods Cranberry Sauce	Grandma Kelly's Homestead
9	Mishi Kobe Niku	Tokyo Traders
10	Ikura	Tokyo Traders
11	Queso Cabrales	Cooperativa de Quesos 'Las Cabras'
12	Queso Manchego La Pastora	Cooperativa de Quesos 'Las Cabras'
13	Konbu	Mayumi's
14	Tofu	Mayumi's
15	Genen Shouyu	Mayumi's
16	Pavlova	Pavlova, Ltd.
17	Alice Mutton	Pavlova, Ltd.
18	Carnarvon Tigers	Pavlova, Ltd.
19	Teatime Chocolate Biscuits	Specialty Biscuits, Ltd.
20	Sir Rodney's Marmalade	Specialty Biscuits, Ltd.
21	Sir Rodney's Scones	Specialty Biscuits, Ltd.
22	Gustaf's Knäckebröd	PB Knäckebröd AB
23	Tunnbröd	PB Knäckebröd AB
24	Guaraná Fantástica	Refrescos Americanas LTDA
25	NuNuCa Nuß-Nougat-Creme	Heli Süßwaren GmbH & Co. KG
26	Gumbär Gummibärchen	Heli Süßwaren GmbH & Co. KG
27	Schoggi Schokolade	Heli Süßwaren GmbH & Co. KG
28	Rössle Sauerkraut	Plutzer Lebensmittelgroßmärkte AG
29	Thüringer Rostbratwurst	Plutzer Lebensmittelgroßmärkte AG
30	Nord-Ost Matjeshering	Nord-Ost-Fisch Handelsgesellschaft mbH
31	Gorgonzola Telino	Formaggi Fortini s.r.l.
32	Mascarpone Fabioli	Formaggi Fortini s.r.l.
33	Geitost	Norske Meierier
34	Sasquatch Ale	Bigfoot Breweries
35	Steeleye Stout	Bigfoot Breweries
36	Inlagd Sill	Svensk Sjöföda AB
37	Gravad lax	Svensk Sjöföda AB

38	Côte de Blaye	Aux joyeux ecclésiastiques
39	Chartreuse verte	Aux joyeux ecclésiastiques
40	Boston Crab Meat	New England Seafood Cannery
41	Jack's New England Clam Chowder	New England Seafood Cannery
42	Singaporean Hokkien Fried Mee	Leka Trading
43	Ipoh Coffee	Leka Trading
44	Gula Malacca	Leka Trading
45	Rogede sild	Lyngbysild
46	Spegesild	Lyngbysild
47	Zaanse koeken	Zaanse Snoepfabriek
48	Chocolade	Zaanse Snoepfabriek
49	Maxilaku	Karkki Oy
50	Valkoinen suklaa	Karkki Oy
51	Manjimup Dried Apples	G'day, Mate
52	Filo Mix	G'day, Mate
53	Perth Pasties	G'day, Mate
54	Tourtière	Ma Maison
55	Pâté chinois	Ma Maison
56	Gnocchi di nonna Alice	Pasta Buttini s.r.l.
57	Ravioli Angelo	Pasta Buttini s.r.l.
58	Escargots de Bourgogne	Escargots Nouveaux
59	Raclette Courdavault	Gai pâturage
60	Camembert Pierrot	Gai pâturage
61	Sirop d'érable	Forêts d'érables
62	Tarte au sucre	Forêts d'érables
63	Vegie-spread	Pavlova, Ltd.
64	Wimmers gute Semmelknödel	Plutzer Lebensmittelgroßmärkte AG
65	Louisiana Fiery Hot Pepper Sauce	New Orleans Cajun Delights
66	Louisiana Hot Spiced Okra	New Orleans Cajun Delights
67	Laughing Lumberjack Lager	Bigfoot Breweries
68	Scottish Longbreads	Specialty Biscuits, Ltd.
69	Gudbrandsdalsost	Norske Meierier
70	Outback Lager	Pavlova, Ltd.
71	Flotemysost	Norske Meierier
72	Mozzarella di Giovanni	Formaggi Fortini s.r.l.
73	Röd Kaviar	Svensk Sjöföda AB
74	Longlife Tofu	Tokyo Traders
75	Rhönbräu Klosterbier	Plutzer Lebensmittelgroßmärkte AG
76	Lakkalikööri	Karkki Oy
77	Original Frankfurter grüne Soße	Plutzer Lebensmittelgroßmärkte AG

19.) Orders and the Shipper that was used

We'd like to show a list of the Orders that were made, including the Shipper that was used. Show the OrderID, OrderDate (date only), and CompanyName of the Shipper, and sort by OrderID. In order to not show all the orders (there's more than 800), show only those rows with an OrderID of less than 10300.

In [34]:

```sql
Select
OrderID
,OrderDate = convert(date, OrderDate)
,Shipper = CompanyName
From Orders
join Shippers
on Shippers.ShipperID = Orders.ShipVia
Where
OrderID < 10300
Order by
OrderID
```

(52 rows affected)

Total execution time: 00:00:00.030

Out[34]:

OrderID	OrderDate	Shipper
10248	2014-07-04	Federal Shipping
10249	2014-07-05	Speedy Express
10250	2014-07-08	United Package
10251	2014-07-08	Speedy Express
10252	2014-07-09	United Package
10253	2014-07-10	United Package
10254	2014-07-11	United Package
10255	2014-07-12	Federal Shipping
10256	2014-07-15	United Package
10257	2014-07-16	Federal Shipping
10258	2014-07-17	Speedy Express
10259	2014-07-18	Federal Shipping
10260	2014-07-19	Speedy Express
10261	2014-07-19	United Package
10262	2014-07-22	Federal Shipping
10263	2014-07-23	Federal Shipping
10264	2014-07-24	Federal Shipping
10265	2014-07-25	Speedy Express
10266	2014-07-26	Federal Shipping
10267	2014-07-29	Speedy Express
10268	2014-07-30	Federal Shipping
10269	2014-07-31	Speedy Express
10270	2014-08-01	Speedy Express
10271	2014-08-01	United Package
10272	2014-08-02	United Package
10273	2014-08-05	Federal Shipping
10274	2014-08-06	Speedy Express
10275	2014-08-07	Speedy Express
10276	2014-08-08	Federal Shipping
10277	2014-08-09	Federal Shipping
10278	2014-08-12	United Package
10279	2014-08-13	United Package
10280	2014-08-14	Speedy Express
10281	2014-08-14	Speedy Express
10282	2014-08-15	Speedy Express
10283	2014-08-16	Federal Shipping
10284	2014-08-19	Speedy Express

10285	2014-08-20	United Package
10286	2014-08-21	Federal Shipping
10287	2014-08-22	Federal Shipping
10288	2014-08-23	Speedy Express
10289	2014-08-26	Federal Shipping
10290	2014-08-27	Speedy Express
10291	2014-08-27	United Package
10292	2014-08-28	United Package
10293	2014-08-29	Federal Shipping
10294	2014-08-30	United Package
10295	2014-09-02	United Package
10296	2014-09-03	Speedy Express
10297	2014-09-04	United Package
10298	2014-09-05	United Package
10299	2014-09-06	United Package

Intermediate Problems

20.) Categories, and the total products in each category

For this problem, we'd like to see the total number of products in each category. Sort the results by the total number of products, in descending order.

In [35]:

```sql
Select
CategoryName
,TotalProducts = count(*)
From Products
Join Categories
on Products.CategoryID = Categories.CategoryID
Group by
CategoryName
Order by
count(*) desc
```

(8 rows affected)

Total execution time: 00:00:00.032

Out[35]:

CategoryName	TotalProducts
Confections	13
Beverages	12
Condiments	12
Seafood	12
Dairy Products	10
Grains/Cereals	7
Meat/Poultry	6
Produce	5

21.) Total customers per country/city

In the Customers table, show the total number of customers per Country and City

In [37]:

```sql
Select
Country
,City
,TotalCustomer = Count(*)
From Customers
Group by
Country
,City
Order by
count(*) desc
```

(69 rows affected)

Total execution time: 00:00:00.024

Out[37]:

Country	City	TotalCustomer
UK	London	6
Mexico	México D.F.	5
Brazil	Sao Paulo	4
Brazil	Rio de Janeiro	3
Spain	Madrid	3
Argentina	Buenos Aires	3
France	Paris	2
USA	Portland	2
France	Nantes	2
Portugal	Lisboa	2
Finland	Oulu	1
Italy	Reggio Emilia	1
France	Reims	1
Brazil	Resende	1
Austria	Salzburg	1
Venezuela	San Cristóbal	1
USA	San Francisco	1
USA	Seattle	1
Spain	Sevilla	1
Norway	Stavern	1
France	Strasbourg	1
Germany	Stuttgart	1
Italy	Torino	1
France	Toulouse	1
Canada	Tsawassen	1
Canada	Vancouver	1
France	Versailles	1
USA	Walla Walla	1
Poland	Warszawa	1
USA	Butte	1
Brazil	Campinas	1
Venezuela	Caracas	1
Belgium	Charleroi	1
Ireland	Cork	1
UK	Cowes	1
Germany	Cunewalde	1
USA	Elgin	1

USA	Eugene	1
Germany	Frankfurt a.M.	1
Switzerland	Genève	1
Austria	Graz	1
Finland	Helsinki	1
Venezuela	I. de Margarita	1
USA	Kirkland	1
Denmark	Kobenhavn	1
Germany	Köln	1
USA	Lander	1
Germany	Leipzig	1
France	Lille	1
Germany	Mannheim	1
France	Marseille	1
Sweden	Luleå	1
France	Lyon	1
Canada	Montréal	1
Germany	München	1
Germany	Münster	1
Germany	Aachen	1
USA	Albuquerque	1
USA	Anchorage	1
Denmark	Århus	1
Spain	Barcelona	1
Venezuela	Barquisimeto	1
Italy	Bergamo	1
Germany	Berlin	1
Switzerland	Bern	1
USA	Boise	1
Sweden	Bräcke	1
Germany	Brandenburg	1
Belgium	Bruxelles	1

22.) Products that need reordering

What products do we have in our inventory that should be reordered? For now, just use the fields UnitsInStock and ReorderLevel, where UnitsInStock is less than the ReorderLevel, ignoring the fields UnitsOnOrder and Discontinued. Order the results by ProductID.

In [38]:

```sql
Select
ProductID
,ProductName
,UnitsInStock
,ReorderLevel
From Products
Where
UnitsInStock <= ReorderLevel
Order by ProductID
```

(22 rows affected)

Total execution time: 00:00:00.008

Out[38]:

ProductID	ProductName	UnitsInStock	ReorderLevel
2	Chang	17	25
3	Aniseed Syrup	13	25
5	Chef Anton's Gumbo Mix	0	0
11	Queso Cabrales	22	30
17	Alice Mutton	0	0
21	Sir Rodney's Scones	3	5
29	Thüringer Rostbratwurst	0	0
30	Nord-Ost Matjeshering	10	15
31	Gorgonzola Telino	0	20
32	Mascarpone Fabioli	9	25
37	Gravad lax	11	25
43	Ipoh Coffee	17	25
45	Rogede sild	5	15
48	Chocolade	15	25
49	Maxilaku	10	15
53	Perth Pasties	0	0
56	Gnocchi di nonna Alice	21	30
64	Wimmers gute Semmelknödel	22	30
66	Louisiana Hot Spiced Okra	4	20
68	Scottish Longbreads	6	15
70	Outback Lager	15	30
74	Longlife Tofu	4	5

23.) Products that need reordering, continued

Now we need to incorporate these fields—UnitsInStock, UnitsOnOrder, ReorderLevel, Discontinued— into our calculation. We'll define "products that need reordering" with the following:

In [39]:

```sql
Select
ProductID
,ProductName
,UnitsInStock
,UnitsOnOrder
,ReorderLevel
,Discontinued
From Products
Where
UnitsInStock + UnitsOnOrder <= ReorderLevel
and Discontinued = 0
Order by ProductID
```

(2 rows affected)

Total execution time: 00:00:00.031

Out[39]:

ProductID	ProductName	UnitsInStock	UnitsOnOrder	ReorderLevel	Discontinued
30	Nord-Ost Matjeshering	10	0	15	0
70	Outback Lager	15	10	30	0

24.) Customer list by region

A salesperson for Northwind is going on a business trip to visit customers, and would like to see a list of all customers, sorted by region, alphabetically. However, he wants the customers with no region (null in the Region field) to be at the end, instead of at the top, where you'd normally find the null values. Within the same region, companies should be sorted by CustomerID.

In [40]:

```sql
Select
CustomerID
,CompanyName
,Region
From Customers
Order By
Case
when Region is null then 1
else 0
End
,Region
,CustomerID
```

```sql
Select
CustomerID
,CompanyName
,Region
From Customers
```

(91 rows affected)

Total execution time: 00:00:00.006

`Out[40]:`

CustomerID	CompanyName	Region
OLDWO	Old World Delicatessen	AK
BOTTM	Bottom-Dollar Markets	BC
LAUGB	Laughing Bacchus Wine Cellars	BC
LETSS	Let's Stop N Shop	CA
HUNGO	Hungry Owl All-Night Grocers	Co. Cork
GROSR	GROSELLA-Restaurante	DF
SAVEA	Save-a-lot Markets	ID
ISLAT	Island Trading	Isle of Wight
LILAS	LILA-Supermercado	Lara
THECR	The Cracker Box	MT
RATTC	Rattlesnake Canyon Grocery	NM
LINOD	LINO-Delicateses	Nueva Esparta
GREAL	Great Lakes Food Market	OR
HUNGC	Hungry Coyote Import Store	OR
LONEP	Lonesome Pine Restaurant	OR
THEBI	The Big Cheese	OR
MEREP	Mère Paillarde	Québec
HANAR	Hanari Carnes	RJ
QUEDE	Que Delícia	RJ
RICAR	Ricardo Adocicados	RJ
COMMI	Comércio Mineiro	SP
FAMIA	Familia Arquibaldo	SP
GOURL	Gourmet Lanchonetes	SP
QUEEN	Queen Cozinha	SP
TRADH	Tradição Hipermercados	SP
WELLI	Wellington Importadora	SP
HILAA	HILARION-Abastos	Táchira
LAZYK	Lazy K Kountry Store	WA
TRAIH	Trail's Head Gourmet Provisioners	WA
WHITC	White Clover Markets	WA
SPLIR	Split Rail Beer & Ale	WY
ALFKI	Alfreds Futterkiste	NULL
ANATR	Ana Trujillo Emparedados y helados	NULL
ANTON	Antonio Moreno Taquería	NULL
AROUT	Around the Horn	NULL
BERGS	Berglunds snabbköp	NULL
BLAUS	Blauer See Delikatessen	NULL

BLONP	Blondesddsl père et fils	NULL
BOLID	Bólido Comidas preparadas	NULL
BONAP	Bon app'	NULL
BSBEV	B's Beverages	NULL
CACTU	Cactus Comidas para llevar	NULL
CENTC	Centro comercial Moctezuma	NULL
CHOPS	Chop-suey Chinese	NULL
CONSH	Consolidated Holdings	NULL
DRACD	Drachenblut Delikatessen	NULL
DUMON	Du monde entier	NULL
EASTC	Eastern Connection	NULL
ERNSH	Ernst Handel	NULL
FISSA	FISSA Fabrica Inter. Salchichas S.A.	NULL
FOLIG	Folies gourmandes	NULL
FOLKO	Folk och fä HB	NULL
FRANK	Frankenversand	NULL
FRANR	France restauration	NULL
FRANS	Franchi S.p.A.	NULL
FURIB	Furia Bacalhau e Frutos do Mar	NULL
GALED	Galería del gastrónomo	NULL
GODOS	Godos Cocina Típica	NULL
KOENE	Königlich Essen	NULL
LACOR	La corne d'abondance	NULL
LAMAI	La maison d'Asie	NULL
LEHMS	Lehmanns Marktstand	NULL
MAGAA	Magazzini Alimentari Riuniti	NULL
MAISD	Maison Dewey	NULL
MORGK	Morgenstern Gesundkost	NULL
NORTS	North/South	NULL
OCEAN	Océano Atlántico Ltda.	NULL
OTTIK	Ottilies Käseladen	NULL
PARIS	Paris spécialités	NULL
PERIC	Pericles Comidas clásicas	NULL
PICCO	Piccolo und mehr	NULL
PRINI	Princesa Isabel Vinhos	NULL
QUICK	QUICK-Stop	NULL
RANCH	Rancho grande	NULL
REGGC	Reggiani Caseifici	NULL
RICSU	Richter Supermarkt	NULL
ROMEY	Romero y tomillo	NULL

SANTG	Santé Gourmet	NULL
SEVES	Seven Seas Imports	NULL
SIMOB	Simons bistro	NULL
SPECD	Spécialités du monde	NULL
SUPRD	Suprêmes délices	NULL
TOMSP	Toms Spezialitäten	NULL
TORTU	Tortuga Restaurante	NULL
VAFFE	Vaffeljernet	NULL
VICTE	Victuailles en stock	NULL
VINET	Vins et alcools Chevalier	NULL
WANDK	Die Wandernde Kuh	NULL
WARTH	Wartian Herkku	NULL
WILMK	Wilman Kala	NULL
WOLZA	Wolski Zajazd	NULL

25.) High freight charges

Some of the countries we ship to have very high freight charges. We'd like to investigate some more shipping options for our customers, to be able to offer them lower freight charges. Return the three ship countries with the highest average freight overall, in descending order by average freight.

In [41]:

```sql
Select Top 3
ShipCountry
,AverageFreight = Avg(freight)
From Orders
Group By ShipCountry
Order By AverageFreight desc;
```

(3 rows affected)

Total execution time: 00:00:00.009

Out[41]:

ShipCountry	AverageFreight
Austria	184.7875
Ireland	145.0126
USA	112.8794

26.) High freight charges - 2015

We're continuing on the question above on high freight charges. Now, instead of using all the orders we have, we only want to see orders from the year 2015.

In [42]:

```sql
Select Top 3
ShipCountry
,AverageFreight = avg(freight)
From Orders
Where
OrderDate >= '20150101'
and OrderDate < '20160101'
Group By ShipCountry
Order By AverageFreight desc;
```

(3 rows affected)

Total execution time: 00:00:00.010

Out[42]:

ShipCountry	AverageFreight
Austria	178.3642
Switzerland	117.1775
France	113.9910

27.) High freight charges with between

In [43]:

```sql
Select Top 3
 ShipCountry
 ,AverageFreight = avg(freight)
From Orders
Where
 OrderDate between '1/1/2015' and '12/31/2015'
Group By ShipCountry
Order By AverageFreight desc;
```

(3 rows affected)

Total execution time: 00:00:00.010

Out[43]:

ShipCountry	AverageFreight
Austria	178.3642
Switzerland	117.1775
Sweden	105.1600

In [44]:

```sql
select * from orders order by OrderDate
```

(830 rows affected)

Total execution time: 00:00:00.095

`Out[44]:`

OrderID	CustomerID	EmployeeID	OrderDate	RequiredDate	ShippedDate	ShipVia	Frei
10248	VINET	5	2014-07-04 08:00:00.000	2014-08-01 00:00:00.000	2014-07-16 00:00:00.000	3	32.38
10249	TOMSP	6	2014-07-05 04:00:00.000	2014-08-16 00:00:00.000	2014-07-10 00:00:00.000	1	11.61
10251	VICTE	3	2014-07-08 14:00:00.000	2014-08-05 00:00:00.000	2014-07-15 00:00:00.000	1	41.34
10250	HANAR	4	2014-07-08 15:00:00.000	2014-08-05 00:00:00.000	2014-07-12 00:00:00.000	2	65.83
10252	SUPRD	4	2014-07-09 01:00:00.000	2014-08-06 00:00:00.000	2014-07-11 00:00:00.000	2	51.30
10253	HANAR	3	2014-07-10 08:00:00.000	2014-07-24 00:00:00.000	2014-07-16 00:00:00.000	2	58.17
10254	CHOPS	5	2014-07-11 02:00:00.000	2014-08-08 00:00:00.000	2014-07-23 00:00:00.000	2	22.98
10255	RICSU	9	2014-07-12 20:00:00.000	2014-08-09 00:00:00.000	2014-07-15 00:00:00.000	3	148.33
10256	WELLI	3	2014-07-15 22:00:00.000	2014-08-12 00:00:00.000	2014-07-17 00:00:00.000	2	13.97
10257	HILAA	4	2014-07-16 15:00:00.000	2014-08-13 00:00:00.000	2014-07-22 00:00:00.000	3	81.91
10258	ERNSH	1	2014-07-17 00:00:00.000	2014-08-14 00:00:00.000	2014-07-23 00:00:00.000	1	140.51
10259	CENTC	4	2014-07-18 16:00:00.000	2014-08-15 00:00:00.000	2014-07-25 00:00:00.000	3	3.25
10260	OTTIK	4	2014-07-19 09:00:00.000	2014-08-16 00:00:00.000	2014-07-29 00:00:00.000	1	55.09
10261	QUEDE	4	2014-07-19 13:00:00.000	2014-08-16 00:00:00.000	2014-07-30 00:00:00.000	2	3.05
10262	RATTC	8	2014-07-22 19:00:00.000	2014-08-19 00:00:00.000	2014-07-25 00:00:00.000	3	48.29
10263	ERNSH	9	2014-07-23 10:00:00.000	2014-08-20 00:00:00.000	2014-07-31 00:00:00.000	3	146.06
10264	FOLKO	6	2014-07-24 22:00:00.000	2014-08-21 00:00:00.000	2014-08-23 00:00:00.000	3	3.67
10265	BLONP	2	2014-07-25 21:00:00.000	2014-08-22 00:00:00.000	2014-08-12 00:00:00.000	1	55.28
10266	WARTH	3	2014-07-26 14:00:00.000	2014-09-06 00:00:00.000	2014-07-31 00:00:00.000	3	25.73
10267	FRANK	4	2014-07-29 14:00:00.000	2014-08-26 00:00:00.000	2014-08-06 00:00:00.000	1	208.58
10268	GROSR	8	2014-07-30 15:00:00.000	2014-08-27 00:00:00.000	2014-08-02 00:00:00.000	3	66.29
10269	WHITC	5	2014-07-31 00:00:00.000	2014-08-14 00:00:00.000	2014-08-09 00:00:00.000	1	4.56

10271	SPLIR	6	2014-08-01 05:00:00.000	2014-08-29 00:00:00.000	2014-08-30 00:00:00.000	2	4.5
10270	WARTH	1	2014-08-01 19:00:00.000	2014-08-29 00:00:00.000	2014-08-02 00:00:00.000	1	136.5
10272	RATTC	6	2014-08-02 03:00:00.000	2014-08-30 00:00:00.000	2014-08-06 00:00:00.000	2	98.0
10273	QUICK	3	2014-08-05 13:00:00.000	2014-09-02 00:00:00.000	2014-08-12 00:00:00.000	3	76.0
10274	VINET	6	2014-08-06 12:00:00.000	2014-09-03 00:00:00.000	2014-08-16 00:00:00.000	1	6.0
10275	MAGAA	1	2014-08-07 06:00:00.000	2014-09-04 00:00:00.000	2014-08-09 00:00:00.000	1	26.9
10276	TORTU	8	2014-08-08 18:00:00.000	2014-08-22 00:00:00.000	2014-08-14 00:00:00.000	3	13.8
10277	MORGK	2	2014-08-09 11:00:00.000	2014-09-06 00:00:00.000	2014-08-13 00:00:00.000	3	125.7
10278	BERGS	8	2014-08-12 14:00:00.000	2014-09-09 00:00:00.000	2014-08-16 00:00:00.000	2	92.6
10279	LEHMS	8	2014-08-13 15:00:00.000	2014-09-10 00:00:00.000	2014-08-16 00:00:00.000	2	25.8
10280	BERGS	2	2014-08-14 10:00:00.000	2014-09-11 00:00:00.000	2014-09-12 00:00:00.000	1	8.9
10281	ROMEY	4	2014-08-14 14:00:00.000	2014-08-28 00:00:00.000	2014-08-21 00:00:00.000	1	2.9
10282	ROMEY	4	2014-08-15 00:00:00.000	2014-09-12 00:00:00.000	2014-08-21 00:00:00.000	1	12.6
10283	LILAS	3	2014-08-16 17:00:00.000	2014-09-13 00:00:00.000	2014-08-23 00:00:00.000	3	84.8
10284	LEHMS	4	2014-08-19 00:00:00.000	2014-09-16 00:00:00.000	2014-08-27 00:00:00.000	1	76.5
10285	QUICK	1	2014-08-20 02:00:00.000	2014-09-17 00:00:00.000	2014-08-26 00:00:00.000	2	76.8
10286	QUICK	8	2014-08-21 01:00:00.000	2014-09-18 00:00:00.000	2014-08-30 00:00:00.000	3	229.2
10287	RICAR	8	2014-08-22 07:00:00.000	2014-09-19 00:00:00.000	2014-08-28 00:00:00.000	3	12.7
10288	REGGC	4	2014-08-23 16:00:00.000	2014-09-20 00:00:00.000	2014-09-03 00:00:00.000	1	7.4
10289	BSBEV	7	2014-08-26 11:00:00.000	2014-09-23 00:00:00.000	2014-08-28 00:00:00.000	3	22.7
10290	COMMI	8	2014-08-27 09:00:00.000	2014-09-24 00:00:00.000	2014-09-03 00:00:00.000	1	79.7
10291	QUEDE	6	2014-08-27 19:00:00.000	2014-09-24 00:00:00.000	2014-09-04 00:00:00.000	2	6.4
10292	TRADH	1	2014-08-28 20:00:00.000	2014-09-25 00:00:00.000	2014-09-02 00:00:00.000	2	1.3

10293	TORTU	1	2014-08-29 15:00:00.000	2014-09-26 00:00:00.000	2014-09-11 00:00:00.000	3	21.18
10294	RATTC	4	2014-08-30 05:00:00.000	2014-09-27 00:00:00.000	2014-09-05 00:00:00.000	2	147.20
10295	VINET	2	2014-09-02 08:00:00.000	2014-09-30 00:00:00.000	2014-09-10 00:00:00.000	2	1.15
10296	LILAS	6	2014-09-03 00:00:00.000	2014-10-01 00:00:00.000	2014-09-11 00:00:00.000	1	0.12
10297	BLONP	5	2014-09-04 21:00:00.000	2014-10-16 00:00:00.000	2014-09-10 00:00:00.000	2	5.74
10298	HUNGO	6	2014-09-05 16:00:00.000	2014-10-03 00:00:00.000	2014-09-11 00:00:00.000	2	168.22
10299	RICAR	4	2014-09-06 01:00:00.000	2014-10-04 00:00:00.000	2014-09-13 00:00:00.000	2	29.76
10300	MAGAA	2	2014-09-09 11:00:00.000	2014-10-07 00:00:00.000	2014-09-18 00:00:00.000	2	17.68
10301	WANDK	8	2014-09-09 15:00:00.000	2014-10-07 00:00:00.000	2014-09-17 00:00:00.000	2	45.08
10302	SUPRD	4	2014-09-10 17:00:00.000	2014-10-08 00:00:00.000	2014-10-09 00:00:00.000	2	6.27
10303	GODOS	7	2014-09-11 03:00:00.000	2014-10-09 00:00:00.000	2014-09-18 00:00:00.000	2	107.83
10304	TORTU	1	2014-09-12 06:00:00.000	2014-10-10 00:00:00.000	2014-09-17 00:00:00.000	2	63.79
10305	OLDWO	8	2014-09-13 20:00:00.000	2014-10-11 00:00:00.000	2014-10-09 00:00:00.000	3	257.62
10306	ROMEY	1	2014-09-16 09:00:00.000	2014-10-14 00:00:00.000	2014-09-23 00:00:00.000	3	7.56
10307	LONEP	2	2014-09-17 06:00:00.000	2014-10-15 00:00:00.000	2014-09-25 00:00:00.000	2	0.56
10308	ANATR	7	2014-09-18 14:00:00.000	2014-10-16 00:00:00.000	2014-09-24 00:00:00.000	3	1.61
10309	HUNGO	3	2014-09-19 14:00:00.000	2014-10-17 00:00:00.000	2014-10-23 00:00:00.000	1	47.30
10310	THEBI	8	2014-09-20 05:00:00.000	2014-10-18 00:00:00.000	2014-09-27 00:00:00.000	2	17.52
10311	DUMON	1	2014-09-20 08:00:00.000	2014-10-04 00:00:00.000	2014-09-26 00:00:00.000	3	24.69
10312	WANDK	2	2014-09-23 01:00:00.000	2014-10-21 00:00:00.000	2014-10-03 00:00:00.000	2	40.20
10313	QUICK	2	2014-09-24 22:00:00.000	2014-10-22 00:00:00.000	2014-10-04 00:00:00.000	2	1.96
10314	RATTC	1	2014-09-25 13:00:00.000	2014-10-23 00:00:00.000	2014-10-04 00:00:00.000	2	74.16

10315	ISLAT	4	2014-09-26 11:00:00.000	2014-10-24 00:00:00.000	2014-10-03 00:00:00.000	2	41.7(
10316	RATTC	1	2014-09-27 02:00:00.000	2014-10-25 00:00:00.000	2014-10-08 00:00:00.000	3	150.1!
10317	LONEP	6	2014-09-30 00:00:00.000	2014-10-28 00:00:00.000	2014-10-10 00:00:00.000	1	12.6!
10318	ISLAT	8	2014-10-01 00:00:00.000	2014-10-29 00:00:00.000	2014-10-04 00:00:00.000	2	4.7:
10319	TORTU	7	2014-10-02 20:00:00.000	2014-10-30 00:00:00.000	2014-10-11 00:00:00.000	3	64.5(
10321	ISLAT	3	2014-10-03 11:00:00.000	2014-10-31 00:00:00.000	2014-10-11 00:00:00.000	2	3.4:
10320	WARTH	5	2014-10-03 12:00:00.000	2014-10-19 00:00:00.000	2014-10-18 00:00:00.000	3	34.5ᵀ
10322	PERIC	7	2014-10-04 01:00:00.000	2014-11-01 00:00:00.000	2014-10-23 00:00:00.000	3	0.4(
10323	KOENE	4	2014-10-07 06:00:00.000	2014-11-04 00:00:00.000	2014-10-14 00:00:00.000	1	4.8&
10324	SAVEA	9	2014-10-08 17:00:00.000	2014-11-05 00:00:00.000	2014-10-10 00:00:00.000	1	214.2ᵀ
10325	KOENE	1	2014-10-09 11:00:00.000	2014-10-23 00:00:00.000	2014-10-14 00:00:00.000	3	64.8(
10326	BOLID	4	2014-10-10 06:00:00.000	2014-11-07 00:00:00.000	2014-10-14 00:00:00.000	2	77.9:
10327	FOLKO	2	2014-10-11 12:00:00.000	2014-11-08 00:00:00.000	2014-10-14 00:00:00.000	1	63.3(
10328	FURIB	4	2014-10-14 03:00:00.000	2014-11-11 00:00:00.000	2014-10-17 00:00:00.000	3	87.0:
10329	SPLIR	4	2014-10-15 11:00:00.000	2014-11-26 00:00:00.000	2014-10-23 00:00:00.000	2	191.6ᵀ
10330	LILAS	3	2014-10-16 01:00:00.000	2014-11-13 00:00:00.000	2014-10-28 00:00:00.000	1	12.7!
10331	BONAP	9	2014-10-16 17:00:00.000	2014-11-27 00:00:00.000	2014-10-21 00:00:00.000	1	10.1!
10332	MEREP	3	2014-10-17 01:00:00.000	2014-11-28 00:00:00.000	2014-10-21 00:00:00.000	2	52.8₄
10333	WARTH	5	2014-10-18 18:00:00.000	2014-11-15 00:00:00.000	2014-10-25 00:00:00.000	3	0.5!
10334	VICTE	8	2014-10-21 14:00:00.000	2014-11-18 00:00:00.000	2014-10-28 00:00:00.000	2	8.5(
10335	HUNGO	7	2014-10-22 06:00:00.000	2014-11-19 00:00:00.000	2014-10-24 00:00:00.000	2	42.1:
10336	PRINI	7	2014-10-23 05:00:00.000	2014-11-20 00:00:00.000	2014-10-25 00:00:00.000	2	15.5:
10337	FRANK	4	2014-10-24 14:00:00.000	2014-11-21 00:00:00.000	2014-10-29 00:00:00.000	3	108.2(
10338	OLDWO	4	2014-10-25 01:00:00.000	2014-11-22 00:00:00.000	2014-10-29 00:00:00.000	3	84.2:

10339	MEREP	2	2014-10-28 22:00:00.000	2014-11-25 00:00:00.000	2014-11-04 00:00:00.000	2	15.6(
10341	SIMOB	7	2014-10-29 03:00:00.000	2014-11-26 00:00:00.000	2014-11-05 00:00:00.000	3	26.7{
10340	BONAP	1	2014-10-29 16:00:00.000	2014-11-26 00:00:00.000	2014-11-08 00:00:00.000	3	166.3:
10342	FRANK	4	2014-10-30 17:00:00.000	2014-11-13 00:00:00.000	2014-11-04 00:00:00.000	2	54.8:
10343	LEHMS	4	2014-10-31 00:00:00.000	2014-11-28 00:00:00.000	2014-11-06 00:00:00.000	1	110.3'
10344	WHITC	4	2014-11-01 16:00:00.000	2014-11-29 00:00:00.000	2014-11-05 00:00:00.000	2	23.2!
10345	QUICK	2	2014-11-04 10:00:00.000	2014-12-02 00:00:00.000	2014-11-11 00:00:00.000	2	249.0(
10346	RATTC	3	2014-11-05 13:00:00.000	2014-12-17 00:00:00.000	2014-11-08 00:00:00.000	3	142.0{
10347	FAMIA	4	2014-11-06 12:00:00.000	2014-12-04 00:00:00.000	2014-11-08 00:00:00.000	3	3.1(
10348	WANDK	4	2014-11-07 10:00:00.000	2014-12-05 00:00:00.000	2014-11-15 00:00:00.000	2	0.7{
10349	SPLIR	7	2014-11-08 20:00:00.000	2014-12-06 00:00:00.000	2014-11-15 00:00:00.000	1	8.6:
10350	LAMAI	6	2014-11-11 03:00:00.000	2014-12-09 00:00:00.000	2014-12-03 00:00:00.000	2	64.1!
10351	ERNSH	1	2014-11-11 06:00:00.000	2014-12-09 00:00:00.000	2014-11-20 00:00:00.000	1	162.3:
10352	FURIB	3	2014-11-12 03:00:00.000	2014-11-26 00:00:00.000	2014-11-18 00:00:00.000	3	1.3(
10353	PICCO	7	2014-11-13 12:00:00.000	2014-12-11 00:00:00.000	2014-11-25 00:00:00.000	3	360.6:
10354	PERIC	8	2014-11-14 03:00:00.000	2014-12-12 00:00:00.000	2014-11-20 00:00:00.000	3	53.8(
10355	AROUT	6	2014-11-15 21:00:00.000	2014-12-13 00:00:00.000	2014-11-20 00:00:00.000	1	41.9!
10356	WANDK	6	2014-11-18 01:00:00.000	2014-12-16 00:00:00.000	2014-11-27 00:00:00.000	2	36.7:
10357	LILAS	1	2014-11-19 08:00:00.000	2014-12-17 00:00:00.000	2014-12-02 00:00:00.000	3	34.8{
10358	LAMAI	5	2014-11-20 05:00:00.000	2014-12-18 00:00:00.000	2014-11-27 00:00:00.000	1	19.6<
10359	SEVES	5	2014-11-21 14:00:00.000	2014-12-19 00:00:00.000	2014-11-26 00:00:00.000	3	288.4:
10361	QUICK	1	2014-11-22 07:00:00.000	2014-12-20 00:00:00.000	2014-12-03 00:00:00.000	2	183.1'
10360	BLONP	4	2014-11-22 20:00:00.000	2014-12-20 00:00:00.000	2014-12-02 00:00:00.000	3	131.7(
10362	BONAP	3	2014-11-25 16:00:00.000	2014-12-23 00:00:00.000	2014-11-28 00:00:00.000	1	96.0<

10363	DRACD	4	2014-11-26 05:00:00.000	2014-12-24 00:00:00.000	2014-12-04 00:00:00.000	3	30.54
10364	EASTC	1	2014-11-26 07:00:00.000	2015-01-07 00:00:00.000	2014-12-04 00:00:00.000	1	71.9
10365	ANTON	3	2014-11-27 00:00:00.000	2014-12-25 00:00:00.000	2014-12-02 00:00:00.000	2	22.0(
10366	GALED	8	2014-11-28 05:00:00.000	2015-01-09 00:00:00.000	2014-12-30 00:00:00.000	2	10.1
10367	VAFFE	7	2014-11-28 21:00:00.000	2014-12-26 00:00:00.000	2014-12-02 00:00:00.000	3	13.5!
10368	ERNSH	2	2014-11-29 19:00:00.000	2014-12-27 00:00:00.000	2014-12-02 00:00:00.000	2	101.9!
10369	SPLIR	8	2014-12-02 02:00:00.000	2014-12-30 00:00:00.000	2014-12-09 00:00:00.000	2	195.6
10370	CHOPS	6	2014-12-03 17:00:00.000	2014-12-31 00:00:00.000	2014-12-27 00:00:00.000	2	1.1
10371	LAMAI	1	2014-12-03 17:00:00.000	2014-12-31 00:00:00.000	2014-12-24 00:00:00.000	1	0.4!
10372	QUEEN	5	2014-12-04 10:00:00.000	2015-01-01 00:00:00.000	2014-12-09 00:00:00.000	2	890.7
10374	WOLZA	1	2014-12-05 10:00:00.000	2015-01-02 00:00:00.000	2014-12-09 00:00:00.000	3	3.9
10373	HUNGO	4	2014-12-05 16:00:00.000	2015-01-02 00:00:00.000	2014-12-11 00:00:00.000	3	124.1:
10375	HUNGC	3	2014-12-06 13:00:00.000	2015-01-03 00:00:00.000	2014-12-09 00:00:00.000	2	20.1:
10376	MEREP	1	2014-12-09 14:00:00.000	2015-01-06 00:00:00.000	2014-12-13 00:00:00.000	2	20.3!
10377	SEVES	1	2014-12-09 20:00:00.000	2015-01-06 00:00:00.000	2014-12-13 00:00:00.000	3	22.2:
10378	FOLKO	5	2014-12-10 00:00:00.000	2015-01-07 00:00:00.000	2014-12-19 00:00:00.000	3	5.4
10379	QUEDE	2	2014-12-11 06:00:00.000	2015-01-08 00:00:00.000	2014-12-13 00:00:00.000	1	45.0:
10381	LILAS	3	2014-12-12 15:00:00.000	2015-01-09 00:00:00.000	2014-12-13 00:00:00.000	3	7.9!
10380	HUNGO	8	2014-12-12 19:00:00.000	2015-01-09 00:00:00.000	2015-01-16 00:00:00.000	3	35.0:
10382	ERNSH	4	2014-12-13 09:00:00.000	2015-01-10 00:00:00.000	2014-12-16 00:00:00.000	1	94.7
10384	BERGS	3	2014-12-16 10:00:00.000	2015-01-13 00:00:00.000	2014-12-20 00:00:00.000	3	168.6
10383	AROUT	8	2014-12-16 22:00:00.000	2015-01-13 00:00:00.000	2014-12-18 00:00:00.000	3	34.2
10385	SPLIR	1	2014-12-17 19:00:00.000	2015-01-14 00:00:00.000	2014-12-23 00:00:00.000	2	30.9(
10386	FAMIA	9	2014-12-18 11:00:00.000	2015-01-01 00:00:00.000	2014-12-25 00:00:00.000	3	13.9!

10387	SANTG	1	2014-12-18 14:00:00.000	2015-01-15 00:00:00.000	2014-12-20 00:00:00.000	2	93.6:
10388	SEVES	2	2014-12-19 02:00:00.000	2015-01-16 00:00:00.000	2014-12-20 00:00:00.000	1	34.8(
10389	BOTTM	4	2014-12-20 18:00:00.000	2015-01-17 00:00:00.000	2014-12-24 00:00:00.000	2	47.4:
10391	DRACD	3	2014-12-23 02:00:00.000	2015-01-20 00:00:00.000	2014-12-31 00:00:00.000	3	5.4!
10390	ERNSH	6	2014-12-23 05:00:00.000	2015-01-20 00:00:00.000	2014-12-26 00:00:00.000	1	126.3!
10392	PICCO	2	2014-12-24 04:00:00.000	2015-01-21 00:00:00.000	2015-01-01 00:00:00.000	3	122.4(
10394	HUNGC	1	2014-12-25 12:00:00.000	2015-01-22 00:00:00.000	2015-01-03 00:00:00.000	3	30.34
10393	SAVEA	1	2014-12-25 15:00:00.000	2015-01-22 00:00:00.000	2015-01-03 00:00:00.000	3	126.5(
10395	HILAA	6	2014-12-26 16:00:00.000	2015-01-23 00:00:00.000	2015-01-03 00:00:00.000	1	184.4:
10396	FRANK	1	2014-12-27 00:00:00.000	2015-01-10 00:00:00.000	2015-01-06 00:00:00.000	3	135.3!
10397	PRINI	5	2014-12-27 17:00:00.000	2015-01-24 00:00:00.000	2015-01-02 00:00:00.000	1	60.2(
10398	SAVEA	2	2014-12-30 13:00:00.000	2015-01-27 00:00:00.000	2015-01-09 00:00:00.000	3	89.1(
10399	VAFFE	8	2014-12-31 00:00:00.000	2015-01-14 00:00:00.000	2015-01-08 00:00:00.000	3	27.3(
10401	RATTC	1	2015-01-01 15:00:00.000	2015-01-29 00:00:00.000	2015-01-10 00:00:00.000	1	12.5:
10400	EASTC	1	2015-01-01 21:00:00.000	2015-01-29 00:00:00.000	2015-01-16 00:00:00.000	3	83.9:
10402	ERNSH	8	2015-01-02 18:00:00.000	2015-02-13 00:00:00.000	2015-01-10 00:00:00.000	2	67.8!
10403	ERNSH	4	2015-01-03 01:00:00.000	2015-01-31 00:00:00.000	2015-01-09 00:00:00.000	3	73.7!
10404	MAGAA	2	2015-01-03 21:00:00.000	2015-01-31 00:00:00.000	2015-01-08 00:00:00.000	1	155.9'
10405	LINOD	1	2015-01-06 01:00:00.000	2015-02-03 00:00:00.000	2015-01-22 00:00:00.000	1	34.8:
10406	QUEEN	7	2015-01-07 18:00:00.000	2015-02-18 00:00:00.000	2015-01-13 00:00:00.000	1	108.04
10407	OTTIK	2	2015-01-07 21:00:00.000	2015-02-04 00:00:00.000	2015-01-30 00:00:00.000	2	91.4!
10408	FOLIG	8	2015-01-08 18:00:00.000	2015-02-05 00:00:00.000	2015-01-14 00:00:00.000	1	11.2(
10409	OCEAN	3	2015-01-09 08:00:00.000	2015-02-06 00:00:00.000	2015-01-14 00:00:00.000	1	29.8:

10410	BOTTM	3	2015-01-10 18:00:00.000	2015-02-07 00:00:00.000	2015-01-15 00:00:00.000	3	2.4(
10411	BOTTM	9	2015-01-10 21:00:00.000	2015-02-07 00:00:00.000	2015-01-21 00:00:00.000	3	23.6!
10412	WARTH	8	2015-01-13 20:00:00.000	2015-02-10 00:00:00.000	2015-01-15 00:00:00.000	2	3.7
10413	LAMAI	3	2015-01-14 22:00:00.000	2015-02-11 00:00:00.000	2015-01-16 00:00:00.000	2	95.6(
10414	FAMIA	2	2015-01-14 22:00:00.000	2015-02-11 00:00:00.000	2015-01-17 00:00:00.000	3	21.4!
10415	HUNGC	3	2015-01-15 22:00:00.000	2015-02-12 00:00:00.000	2015-01-24 00:00:00.000	1	0.2(
10417	SIMOB	4	2015-01-16 07:00:00.000	2015-02-13 00:00:00.000	2015-01-28 00:00:00.000	3	70.2!
10416	WARTH	8	2015-01-16 11:00:00.000	2015-02-13 00:00:00.000	2015-01-27 00:00:00.000	3	22.7:
10418	QUICK	4	2015-01-17 16:00:00.000	2015-02-14 00:00:00.000	2015-01-24 00:00:00.000	1	17.5!
10419	RICSU	4	2015-01-20 18:00:00.000	2015-02-17 00:00:00.000	2015-01-30 00:00:00.000	2	137.3!
10420	WELLI	3	2015-01-21 08:00:00.000	2015-02-18 00:00:00.000	2015-01-27 00:00:00.000	1	44.1:
10421	QUEDE	8	2015-01-21 20:00:00.000	2015-03-04 00:00:00.000	2015-01-27 00:00:00.000	1	99.2:
10422	FRANS	2	2015-01-22 05:00:00.000	2015-02-19 00:00:00.000	2015-01-31 00:00:00.000	1	3.0:
10423	GOURL	6	2015-01-23 01:00:00.000	2015-02-06 00:00:00.000	2015-02-24 00:00:00.000	3	24.5(
10424	MEREP	7	2015-01-23 20:00:00.000	2015-02-20 00:00:00.000	2015-01-27 00:00:00.000	2	370.6:
10425	LAMAI	6	2015-01-24 12:00:00.000	2015-02-21 00:00:00.000	2015-02-14 00:00:00.000	2	7.9:
10427	PICCO	4	2015-01-27 06:00:00.000	2015-02-24 00:00:00.000	2015-03-03 00:00:00.000	2	31.2!
10426	GALED	4	2015-01-27 08:00:00.000	2015-02-24 00:00:00.000	2015-02-06 00:00:00.000	1	18.6!
10428	REGGC	7	2015-01-28 08:00:00.000	2015-02-25 00:00:00.000	2015-02-04 00:00:00.000	1	11.0!
10429	HUNGO	3	2015-01-29 00:00:00.000	2015-03-12 00:00:00.000	2015-02-07 00:00:00.000	2	56.6:
10430	ERNSH	4	2015-01-30 09:00:00.000	2015-02-13 00:00:00.000	2015-02-03 00:00:00.000	1	458.7!
10431	BOTTM	4	2015-01-30 12:00:00.000	2015-02-13 00:00:00.000	2015-02-07 00:00:00.000	2	44.1
10432	SPLIR	3	2015-01-31 00:00:00.000	2015-02-14 00:00:00.000	2015-02-07 00:00:00.000	2	4.3(
10433	PRINI	3	2015-02-03 09:00:00.000	2015-03-03 00:00:00.000	2015-03-04 00:00:00.000	3	73.8:
10434	FOLKO	3	2015-02-03 21:00:00.000	2015-03-03 00:00:00.000	2015-02-13 00:00:00.000	2	17.9:

10435	CONSH	8	2015-02-04 20:00:00.000	2015-03-18 00:00:00.000	2015-02-07 00:00:00.000	2	9.2:
10437	WARTH	8	2015-02-05 14:00:00.000	2015-03-05 00:00:00.000	2015-02-12 00:00:00.000	1	19.9
10436	BLONP	3	2015-02-05 19:00:00.000	2015-03-05 00:00:00.000	2015-02-11 00:00:00.000	2	156.6(
10438	TOMSP	3	2015-02-06 21:00:00.000	2015-03-06 00:00:00.000	2015-02-14 00:00:00.000	2	8.2
10439	MEREP	6	2015-02-07 10:00:00.000	2015-03-07 00:00:00.000	2015-02-10 00:00:00.000	3	4.0
10440	SAVEA	4	2015-02-10 15:00:00.000	2015-03-10 00:00:00.000	2015-02-28 00:00:00.000	2	86.5:
10441	OLDWO	3	2015-02-10 16:00:00.000	2015-03-24 00:00:00.000	2015-03-14 00:00:00.000	2	73.0:
10442	ERNSH	3	2015-02-11 03:00:00.000	2015-03-11 00:00:00.000	2015-02-18 00:00:00.000	2	47.9
10443	REGGC	8	2015-02-12 01:00:00.000	2015-03-12 00:00:00.000	2015-02-14 00:00:00.000	1	13.9!
10444	BERGS	3	2015-02-12 11:00:00.000	2015-03-12 00:00:00.000	2015-02-21 00:00:00.000	3	3.5(
10445	BERGS	3	2015-02-13 20:00:00.000	2015-03-13 00:00:00.000	2015-02-20 00:00:00.000	1	9.3(
10446	TOMSP	6	2015-02-14 00:00:00.000	2015-03-14 00:00:00.000	2015-02-19 00:00:00.000	1	14.6
10447	RICAR	4	2015-02-14 07:00:00.000	2015-03-14 00:00:00.000	2015-03-07 00:00:00.000	2	68.6(
10448	RANCH	4	2015-02-17 10:00:00.000	2015-03-17 00:00:00.000	2015-02-24 00:00:00.000	2	38.8:
10449	BLONP	3	2015-02-18 13:00:00.000	2015-03-18 00:00:00.000	2015-02-27 00:00:00.000	2	53.3(
10451	QUICK	4	2015-02-19 08:00:00.000	2015-03-05 00:00:00.000	2015-03-12 00:00:00.000	3	189.0!
10450	VICTE	8	2015-02-19 20:00:00.000	2015-03-19 00:00:00.000	2015-03-11 00:00:00.000	2	7.2:
10452	SAVEA	8	2015-02-20 13:00:00.000	2015-03-20 00:00:00.000	2015-02-26 00:00:00.000	1	140.2(
10453	AROUT	1	2015-02-21 17:00:00.000	2015-03-21 00:00:00.000	2015-02-26 00:00:00.000	2	25.3(
10454	LAMAI	4	2015-02-21 21:00:00.000	2015-03-21 00:00:00.000	2015-02-25 00:00:00.000	3	2.7
10455	WARTH	8	2015-02-24 11:00:00.000	2015-04-07 00:00:00.000	2015-03-03 00:00:00.000	2	180.4!
10456	KOENE	8	2015-02-25 18:00:00.000	2015-04-08 00:00:00.000	2015-02-28 00:00:00.000	2	8.1:
10457	KOENE	2	2015-02-25 19:00:00.000	2015-03-25 00:00:00.000	2015-03-03 00:00:00.000	1	11.5
10458	SUPRD	7	2015-02-26 00:00:00.000	2015-03-26 00:00:00.000	2015-03-04 00:00:00.000	3	147.0(

10459	VICTE	4	2015-02-27 13:00:00.000	2015-03-27 00:00:00.000	2015-02-28 00:00:00.000	2	25.0!
10460	FOLKO	8	2015-02-28 00:00:00.000	2015-03-28 00:00:00.000	2015-03-03 00:00:00.000	1	16.2'
10461	LILAS	1	2015-02-28 00:00:00.000	2015-03-28 00:00:00.000	2015-03-05 00:00:00.000	3	148.6:
10462	CONSH	2	2015-03-03 08:00:00.000	2015-03-31 00:00:00.000	2015-03-18 00:00:00.000	1	6.1'
10463	SUPRD	5	2015-03-04 13:00:00.000	2015-04-01 00:00:00.000	2015-03-06 00:00:00.000	3	14.7!
10464	FURIB	4	2015-03-04 15:00:00.000	2015-04-01 00:00:00.000	2015-03-14 00:00:00.000	2	89.0(
10465	VAFFE	1	2015-03-05 08:00:00.000	2015-04-02 00:00:00.000	2015-03-14 00:00:00.000	3	145.0
10466	COMMI	4	2015-03-06 01:00:00.000	2015-04-03 00:00:00.000	2015-03-13 00:00:00.000	1	11.9:
10467	MAGAA	8	2015-03-06 01:00:00.000	2015-04-03 00:00:00.000	2015-03-11 00:00:00.000	2	4.9:
10468	KOENE	3	2015-03-07 03:00:00.000	2015-04-04 00:00:00.000	2015-03-12 00:00:00.000	3	44.1:
10469	WHITC	1	2015-03-10 20:00:00.000	2015-04-07 00:00:00.000	2015-03-14 00:00:00.000	1	60.1!
10470	BONAP	4	2015-03-11 02:00:00.000	2015-04-08 00:00:00.000	2015-03-14 00:00:00.000	2	64.5(
10471	BSBEV	2	2015-03-11 06:00:00.000	2015-04-08 00:00:00.000	2015-03-18 00:00:00.000	3	45.5!
10472	SEVES	8	2015-03-12 01:00:00.000	2015-04-09 00:00:00.000	2015-03-19 00:00:00.000	1	4.2(
10473	ISLAT	1	2015-03-13 06:00:00.000	2015-03-27 00:00:00.000	2015-03-21 00:00:00.000	3	16.3'
10474	PERIC	5	2015-03-13 16:00:00.000	2015-04-10 00:00:00.000	2015-03-21 00:00:00.000	2	83.4!
10475	SUPRD	9	2015-03-14 11:00:00.000	2015-04-11 00:00:00.000	2015-04-04 00:00:00.000	1	68.5:
10476	HILAA	8	2015-03-17 00:00:00.000	2015-04-14 00:00:00.000	2015-03-24 00:00:00.000	3	4.4:
10477	PRINI	5	2015-03-17 02:00:00.000	2015-04-14 00:00:00.000	2015-03-25 00:00:00.000	2	13.0:
10478	VICTE	2	2015-03-18 20:00:00.000	2015-04-01 00:00:00.000	2015-03-26 00:00:00.000	3	4.8:
10479	RATTC	3	2015-03-19 01:00:00.000	2015-04-16 00:00:00.000	2015-03-21 00:00:00.000	3	708.9!
10480	FOLIG	6	2015-03-20 11:00:00.000	2015-04-17 00:00:00.000	2015-03-24 00:00:00.000	2	1.3!

10481	RICAR	8	2015-03-20 17:00:00.000	2015-04-17 00:00:00.000	2015-03-25 00:00:00.000	2	64.3
10482	LAZYK	1	2015-03-21 02:00:00.000	2015-04-18 00:00:00.000	2015-04-10 00:00:00.000	3	7.4
10483	WHITC	7	2015-03-24 07:00:00.000	2015-04-21 00:00:00.000	2015-04-25 00:00:00.000	2	15.2
10484	BSBEV	3	2015-03-24 17:00:00.000	2015-04-21 00:00:00.000	2015-04-01 00:00:00.000	3	6.8
10485	LINOD	4	2015-03-25 17:00:00.000	2015-04-08 00:00:00.000	2015-03-31 00:00:00.000	2	64.4
10486	HILAA	1	2015-03-26 17:00:00.000	2015-04-23 00:00:00.000	2015-04-02 00:00:00.000	2	30.5
10487	QUEEN	2	2015-03-26 21:00:00.000	2015-04-23 00:00:00.000	2015-03-28 00:00:00.000	2	71.0
10488	FRANK	8	2015-03-27 01:00:00.000	2015-04-24 00:00:00.000	2015-04-02 00:00:00.000	2	4.9
10489	PICCO	6	2015-03-28 06:00:00.000	2015-04-25 00:00:00.000	2015-04-09 00:00:00.000	2	5.2
10490	HILAA	7	2015-03-31 00:00:00.000	2015-04-28 00:00:00.000	2015-04-03 00:00:00.000	2	210.1
10491	FURIB	8	2015-03-31 00:00:00.000	2015-04-28 00:00:00.000	2015-04-08 00:00:00.000	3	16.9
10492	BOTTM	3	2015-04-01 07:00:00.000	2015-04-29 00:00:00.000	2015-04-11 00:00:00.000	1	62.8
10494	COMMI	4	2015-04-02 05:00:00.000	2015-04-30 00:00:00.000	2015-04-09 00:00:00.000	2	65.9
10493	LAMAI	4	2015-04-02 22:00:00.000	2015-04-30 00:00:00.000	2015-04-10 00:00:00.000	3	10.6
10495	LAUGB	3	2015-04-03 01:00:00.000	2015-05-01 00:00:00.000	2015-04-11 00:00:00.000	3	4.6
10496	TRADH	7	2015-04-04 03:00:00.000	2015-05-02 00:00:00.000	2015-04-07 00:00:00.000	2	46.7
10497	LEHMS	7	2015-04-04 22:00:00.000	2015-05-02 00:00:00.000	2015-04-07 00:00:00.000	1	36.2
10498	HILAA	8	2015-04-07 00:00:00.000	2015-05-05 00:00:00.000	2015-04-11 00:00:00.000	2	29.7
10499	LILAS	4	2015-04-08 11:00:00.000	2015-05-06 00:00:00.000	2015-04-16 00:00:00.000	2	102.0
10501	BLAUS	9	2015-04-09 19:00:00.000	2015-05-07 00:00:00.000	2015-04-16 00:00:00.000	3	8.8
10500	LAMAI	6	2015-04-09 21:00:00.000	2015-05-07 00:00:00.000	2015-04-17 00:00:00.000	1	42.6

10502	PERIC	2	2015-04-10 10:00:00.000	2015-05-08 00:00:00.000	2015-04-29 00:00:00.000	1	69.3:
10504	WHITC	4	2015-04-11 00:00:00.000	2015-05-09 00:00:00.000	2015-04-18 00:00:00.000	3	59.1:
10503	HUNGO	6	2015-04-11 21:00:00.000	2015-05-09 00:00:00.000	2015-04-16 00:00:00.000	2	16.7
10505	MEREP	3	2015-04-14 11:00:00.000	2015-05-12 00:00:00.000	2015-04-21 00:00:00.000	3	7.1:
10507	ANTON	7	2015-04-15 05:00:00.000	2015-05-13 00:00:00.000	2015-04-22 00:00:00.000	1	47.4!
10506	KOENE	9	2015-04-15 06:00:00.000	2015-05-13 00:00:00.000	2015-05-02 00:00:00.000	2	21.1!
10508	OTTIK	1	2015-04-16 18:00:00.000	2015-05-14 00:00:00.000	2015-05-13 00:00:00.000	2	4.9!
10509	BLAUS	4	2015-04-17 22:00:00.000	2015-05-15 00:00:00.000	2015-04-29 00:00:00.000	1	0.1!
10511	BONAP	4	2015-04-18 01:00:00.000	2015-05-16 00:00:00.000	2015-04-21 00:00:00.000	3	350.6
10510	SAVEA	6	2015-04-18 22:00:00.000	2015-05-16 00:00:00.000	2015-04-28 00:00:00.000	3	367.6:
10512	FAMIA	7	2015-04-21 08:00:00.000	2015-05-19 00:00:00.000	2015-04-24 00:00:00.000	2	3.5:
10513	WANDK	7	2015-04-22 05:00:00.000	2015-06-03 00:00:00.000	2015-04-28 00:00:00.000	1	105.6!
10514	ERNSH	3	2015-04-22 08:00:00.000	2015-05-20 00:00:00.000	2015-05-16 00:00:00.000	2	789.9!
10515	QUICK	2	2015-04-23 17:00:00.000	2015-05-07 00:00:00.000	2015-05-23 00:00:00.000	1	204.4
10516	HUNGO	2	2015-04-24 06:00:00.000	2015-05-22 00:00:00.000	2015-05-01 00:00:00.000	3	62.7:
10517	NORTS	3	2015-04-24 08:00:00.000	2015-05-22 00:00:00.000	2015-04-29 00:00:00.000	3	32.0
10518	TORTU	4	2015-04-25 13:00:00.000	2015-05-09 00:00:00.000	2015-05-05 00:00:00.000	2	218.1!
10519	CHOPS	6	2015-04-28 06:00:00.000	2015-05-26 00:00:00.000	2015-05-01 00:00:00.000	3	91.7(
10520	SANTG	7	2015-04-29 08:00:00.000	2015-05-27 00:00:00.000	2015-05-01 00:00:00.000	1	13.3
10521	CACTU	8	2015-04-29 17:00:00.000	2015-05-27 00:00:00.000	2015-05-02 00:00:00.000	2	17.2:
10522	LEHMS	4	2015-04-30 00:00:00.000	2015-05-28 00:00:00.000	2015-05-06 00:00:00.000	1	45.3:
10523	SEVES	7	2015-05-01 13:00:00.000	2015-05-29 00:00:00.000	2015-05-30 00:00:00.000	2	77.6:
10524	BERGS	1	2015-05-01 15:00:00.000	2015-05-29 00:00:00.000	2015-05-07 00:00:00.000	2	244.7!
10525	BONAP	1	2015-05-02 01:00:00.000	2015-05-30 00:00:00.000	2015-05-23 00:00:00.000	2	11.0(
10526	WARTH	4	2015-05-05 02:00:00.000	2015-06-02 00:00:00.000	2015-05-15 00:00:00.000	2	58.5!

10527	QUICK	7	2015-05-05 08:00:00.000	2015-06-02 00:00:00.000	2015-05-07 00:00:00.000	1	41.9(
10528	GREAL	6	2015-05-06 12:00:00.000	2015-05-20 00:00:00.000	2015-05-09 00:00:00.000	2	3.3!
10529	MAISD	5	2015-05-07 01:00:00.000	2015-06-04 00:00:00.000	2015-05-09 00:00:00.000	2	66.6!
10531	OCEAN	7	2015-05-08 01:00:00.000	2015-06-05 00:00:00.000	2015-05-19 00:00:00.000	1	8.1:
10530	PICCO	3	2015-05-08 19:00:00.000	2015-06-05 00:00:00.000	2015-05-12 00:00:00.000	2	339.2:
10532	EASTC	7	2015-05-09 04:00:00.000	2015-06-06 00:00:00.000	2015-05-12 00:00:00.000	3	74.4(
10534	LEHMS	8	2015-05-12 06:00:00.000	2015-06-09 00:00:00.000	2015-05-14 00:00:00.000	2	27.9₄
10533	FOLKO	8	2015-05-12 22:00:00.000	2015-06-09 00:00:00.000	2015-05-22 00:00:00.000	1	188.0₄
10535	ANTON	4	2015-05-13 07:00:00.000	2015-06-10 00:00:00.000	2015-05-21 00:00:00.000	1	15.6₄
10537	RICSU	1	2015-05-14 02:00:00.000	2015-05-28 00:00:00.000	2015-05-19 00:00:00.000	1	78.8!
10536	LEHMS	3	2015-05-14 10:00:00.000	2015-06-11 00:00:00.000	2015-06-06 00:00:00.000	2	58.8₃
10538	BSBEV	9	2015-05-15 10:00:00.000	2015-06-12 00:00:00.000	2015-05-16 00:00:00.000	3	4.8₇
10539	BSBEV	6	2015-05-16 18:00:00.000	2015-06-13 00:00:00.000	2015-05-23 00:00:00.000	3	12.3(
10540	QUICK	3	2015-05-19 05:00:00.000	2015-06-16 00:00:00.000	2015-06-13 00:00:00.000	3	1007.6₄
10541	HANAR	2	2015-05-19 13:00:00.000	2015-06-16 00:00:00.000	2015-05-29 00:00:00.000	1	68.6!
10542	KOENE	1	2015-05-20 20:00:00.000	2015-06-17 00:00:00.000	2015-05-26 00:00:00.000	3	10.9!
10543	LILAS	8	2015-05-21 03:00:00.000	2015-06-18 00:00:00.000	2015-05-23 00:00:00.000	2	48.1₇
10544	LONEP	4	2015-05-21 04:00:00.000	2015-06-18 00:00:00.000	2015-05-30 00:00:00.000	1	24.9:
10545	LAZYK	8	2015-05-22 14:00:00.000	2015-06-19 00:00:00.000	2015-06-26 00:00:00.000	2	11.9:
10546	VICTE	1	2015-05-23 00:00:00.000	2015-06-20 00:00:00.000	2015-05-27 00:00:00.000	3	194.7:
10547	SEVES	3	2015-05-23 16:00:00.000	2015-06-20 00:00:00.000	2015-06-02 00:00:00.000	2	178.4:
10548	TOMSP	3	2015-05-26 11:00:00.000	2015-06-23 00:00:00.000	2015-06-02 00:00:00.000	2	1.4:
10549	QUICK	5	2015-05-27 03:00:00.000	2015-06-10 00:00:00.000	2015-05-30 00:00:00.000	1	171.2₄
10551	FURIB	4	2015-05-28 06:00:00.000	2015-07-09 00:00:00.000	2015-06-06 00:00:00.000	3	72.9!

10550	GODOS	7	2015-05-28 18:00:00.000	2015-06-25 00:00:00.000	2015-06-06 00:00:00.000	3	4.3?
10552	HILAA	2	2015-05-29 08:00:00.000	2015-06-26 00:00:00.000	2015-06-05 00:00:00.000	1	83.2?
10553	WARTH	2	2015-05-30 03:00:00.000	2015-06-27 00:00:00.000	2015-06-03 00:00:00.000	2	149.4?
10554	OTTIK	4	2015-05-30 21:00:00.000	2015-06-27 00:00:00.000	2015-06-05 00:00:00.000	3	120.9?
10555	SAVEA	6	2015-06-02 22:00:00.000	2015-06-30 00:00:00.000	2015-06-04 00:00:00.000	3	252.4?
10556	SIMOB	2	2015-06-03 14:00:00.000	2015-07-15 00:00:00.000	2015-06-13 00:00:00.000	1	9.8(
10557	LEHMS	9	2015-06-03 22:00:00.000	2015-06-17 00:00:00.000	2015-06-06 00:00:00.000	2	96.7?
10558	AROUT	1	2015-06-04 14:00:00.000	2015-07-02 00:00:00.000	2015-06-10 00:00:00.000	2	72.9?
10559	BLONP	6	2015-06-05 04:00:00.000	2015-07-03 00:00:00.000	2015-06-13 00:00:00.000	1	8.0?
10560	FRANK	8	2015-06-06 12:00:00.000	2015-07-04 00:00:00.000	2015-06-09 00:00:00.000	1	36.6?
10561	FOLKO	2	2015-06-06 21:00:00.000	2015-07-04 00:00:00.000	2015-06-09 00:00:00.000	2	242.2?
10562	REGGC	1	2015-06-09 19:00:00.000	2015-07-07 00:00:00.000	2015-06-12 00:00:00.000	1	22.9?
10564	RATTC	4	2015-06-10 00:00:00.000	2015-07-08 00:00:00.000	2015-06-16 00:00:00.000	3	13.7?
10563	RICAR	2	2015-06-10 22:00:00.000	2015-07-22 00:00:00.000	2015-06-24 00:00:00.000	2	60.4?
10565	MEREP	8	2015-06-11 22:00:00.000	2015-07-09 00:00:00.000	2015-06-18 00:00:00.000	2	7.1?
10566	BLONP	9	2015-06-12 18:00:00.000	2015-07-10 00:00:00.000	2015-06-18 00:00:00.000	1	88.4(
10567	HUNGO	1	2015-06-12 19:00:00.000	2015-07-10 00:00:00.000	2015-06-17 00:00:00.000	1	33.9?
10568	GALED	3	2015-06-13 18:00:00.000	2015-07-11 00:00:00.000	2015-07-09 00:00:00.000	3	6.5?
10569	RATTC	5	2015-06-16 15:00:00.000	2015-07-14 00:00:00.000	2015-07-11 00:00:00.000	1	58.9?
10570	MEREP	3	2015-06-17 11:00:00.000	2015-07-15 00:00:00.000	2015-06-19 00:00:00.000	3	188.9?
10571	ERNSH	8	2015-06-17 15:00:00.000	2015-07-29 00:00:00.000	2015-07-04 00:00:00.000	3	26.0(
10572	BERGS	3	2015-06-18 05:00:00.000	2015-07-16 00:00:00.000	2015-06-25 00:00:00.000	2	116.4?
10573	ANTON	7	2015-06-19 02:00:00.000	2015-07-17 00:00:00.000	2015-06-20 00:00:00.000	3	84.8?

10574	TRAIH	4	2015-06-19 14:00:00.000	2015-07-17 00:00:00.000	2015-06-30 00:00:00.000	2	37.6(
10575	MORGK	5	2015-06-20 22:00:00.000	2015-07-04 00:00:00.000	2015-06-30 00:00:00.000	1	127.3∢
10576	TORTU	3	2015-06-23 13:00:00.000	2015-07-07 00:00:00.000	2015-06-30 00:00:00.000	3	18.5(
10577	TRAIH	9	2015-06-23 19:00:00.000	2015-08-04 00:00:00.000	2015-06-30 00:00:00.000	2	25.4:
10578	BSBEV	4	2015-06-24 15:00:00.000	2015-07-22 00:00:00.000	2015-07-25 00:00:00.000	3	29.6(
10579	LETSS	1	2015-06-25 19:00:00.000	2015-07-23 00:00:00.000	2015-07-04 00:00:00.000	2	13.7:
10581	FAMIA	3	2015-06-26 11:00:00.000	2015-07-24 00:00:00.000	2015-07-02 00:00:00.000	1	3.0:
10580	OTTIK	4	2015-06-26 19:00:00.000	2015-07-24 00:00:00.000	2015-07-01 00:00:00.000	3	75.8!
10582	BLAUS	3	2015-06-27 22:00:00.000	2015-07-25 00:00:00.000	2015-07-14 00:00:00.000	2	27.7:
10583	WARTH	2	2015-06-30 00:00:00.000	2015-07-28 00:00:00.000	2015-07-04 00:00:00.000	2	7.2{
10584	BLONP	4	2015-06-30 00:00:00.000	2015-07-28 00:00:00.000	2015-07-04 00:00:00.000	1	59.1∢
10585	WELLI	7	2015-07-01 13:00:00.000	2015-07-29 00:00:00.000	2015-07-10 00:00:00.000	1	13.4:
10587	QUEDE	1	2015-07-02 03:00:00.000	2015-07-30 00:00:00.000	2015-07-09 00:00:00.000	1	62.5:
10586	REGGC	9	2015-07-02 10:00:00.000	2015-07-30 00:00:00.000	2015-07-09 00:00:00.000	1	0.4{
10588	QUICK	2	2015-07-03 17:00:00.000	2015-07-31 00:00:00.000	2015-07-10 00:00:00.000	3	194.6"
10589	GREAL	8	2015-07-04 17:00:00.000	2015-08-01 00:00:00.000	2015-07-14 00:00:00.000	2	4.4:
10590	MEREP	4	2015-07-07 09:00:00.000	2015-08-04 00:00:00.000	2015-07-14 00:00:00.000	3	44.7"
10591	VAFFE	1	2015-07-07 13:00:00.000	2015-07-21 00:00:00.000	2015-07-16 00:00:00.000	1	55.9:
10592	LEHMS	3	2015-07-08 20:00:00.000	2015-08-05 00:00:00.000	2015-07-16 00:00:00.000	1	32.1(
10593	LEHMS	7	2015-07-09 10:00:00.000	2015-08-06 00:00:00.000	2015-08-13 00:00:00.000	2	174.2(
10594	OLDWO	3	2015-07-09 17:00:00.000	2015-08-06 00:00:00.000	2015-07-16 00:00:00.000	2	5.2∢
10595	ERNSH	2	2015-07-10 17:00:00.000	2015-08-07 00:00:00.000	2015-07-14 00:00:00.000	1	96.7{
10596	WHITC	8	2015-07-11 06:00:00.000	2015-08-08 00:00:00.000	2015-08-12 00:00:00.000	1	16.3∢
10597	PICCO	7	2015-07-11 07:00:00.000	2015-08-08 00:00:00.000	2015-07-18 00:00:00.000	3	35.1:

10598	RATTC	1	2015-07-14 05:00:00.000	2015-08-11 00:00:00.000	2015-07-18 00:00:00.000	3	44.4
10599	BSBEV	6	2015-07-15 06:00:00.000	2015-08-26 00:00:00.000	2015-07-21 00:00:00.000	3	29.9
10600	HUNGC	4	2015-07-16 10:00:00.000	2015-08-13 00:00:00.000	2015-07-21 00:00:00.000	1	45.1
10601	HILAA	7	2015-07-16 11:00:00.000	2015-08-27 00:00:00.000	2015-07-22 00:00:00.000	1	58.3
10602	VAFFE	8	2015-07-17 21:00:00.000	2015-08-14 00:00:00.000	2015-07-22 00:00:00.000	2	2.9
10604	FURIB	1	2015-07-18 07:00:00.000	2015-08-15 00:00:00.000	2015-07-29 00:00:00.000	1	7.4
10603	SAVEA	8	2015-07-18 09:00:00.000	2015-08-15 00:00:00.000	2015-08-08 00:00:00.000	2	48.7
10605	MEREP	1	2015-07-21 22:00:00.000	2015-08-18 00:00:00.000	2015-07-29 00:00:00.000	2	379.13
10606	TRADH	4	2015-07-22 00:00:00.000	2015-08-19 00:00:00.000	2015-07-31 00:00:00.000	3	79.4
10607	SAVEA	5	2015-07-22 09:00:00.000	2015-08-19 00:00:00.000	2015-07-25 00:00:00.000	1	200.2
10608	TOMSP	4	2015-07-23 10:00:00.000	2015-08-20 00:00:00.000	2015-08-01 00:00:00.000	2	27.7
10609	DUMON	7	2015-07-24 11:00:00.000	2015-08-21 00:00:00.000	2015-07-30 00:00:00.000	2	1.8
10611	WOLZA	6	2015-07-25 06:00:00.000	2015-08-22 00:00:00.000	2015-08-01 00:00:00.000	2	80.6
10610	LAMAI	8	2015-07-25 16:00:00.000	2015-08-22 00:00:00.000	2015-08-06 00:00:00.000	1	26.7
10612	SAVEA	1	2015-07-28 18:00:00.000	2015-08-25 00:00:00.000	2015-08-01 00:00:00.000	2	544.0
10613	HILAA	4	2015-07-29 05:00:00.000	2015-08-26 00:00:00.000	2015-08-01 00:00:00.000	2	8.1
10614	BLAUS	8	2015-07-29 09:00:00.000	2015-08-26 00:00:00.000	2015-08-01 00:00:00.000	3	1.9
10615	WILMK	2	2015-07-30 16:00:00.000	2015-08-27 00:00:00.000	2015-08-06 00:00:00.000	3	0.7
10616	GREAL	1	2015-07-31 00:00:00.000	2015-08-28 00:00:00.000	2015-08-05 00:00:00.000	2	116.5
10617	GREAL	4	2015-07-31 00:00:00.000	2015-08-28 00:00:00.000	2015-08-04 00:00:00.000	2	18.5
10618	MEREP	1	2015-08-01 04:00:00.000	2015-09-12 00:00:00.000	2015-08-08 00:00:00.000	1	154.6
10619	MEREP	3	2015-08-04 04:00:00.000	2015-09-01 00:00:00.000	2015-08-07 00:00:00.000	3	91.0
10620	LAUGB	2	2015-08-05 07:00:00.000	2015-09-02 00:00:00.000	2015-08-14 00:00:00.000	3	0.9

10621	ISLAT	4	2015-08-05 16:00:00.000	2015-09-02 00:00:00.000	2015-08-11 00:00:00.000	2	23.7:
10622	RICAR	4	2015-08-06 06:00:00.000	2015-09-03 00:00:00.000	2015-08-11 00:00:00.000	3	50.9'
10623	FRANK	8	2015-08-07 02:00:00.000	2015-09-04 00:00:00.000	2015-08-12 00:00:00.000	2	97.1:
10624	THECR	4	2015-08-07 05:00:00.000	2015-09-04 00:00:00.000	2015-08-19 00:00:00.000	2	94.8(
10625	ANATR	3	2015-08-08 15:00:00.000	2015-09-05 00:00:00.000	2015-08-14 00:00:00.000	1	43.9(
10626	BERGS	1	2015-08-11 06:00:00.000	2015-09-08 00:00:00.000	2015-08-20 00:00:00.000	2	138.6!
10627	SAVEA	8	2015-08-11 15:00:00.000	2015-09-22 00:00:00.000	2015-08-21 00:00:00.000	3	107.4(
10628	BLONP	4	2015-08-12 15:00:00.000	2015-09-09 00:00:00.000	2015-08-20 00:00:00.000	3	30.3(
10629	GODOS	4	2015-08-12 15:00:00.000	2015-09-09 00:00:00.000	2015-08-20 00:00:00.000	3	85.4(
10630	KOENE	1	2015-08-13 10:00:00.000	2015-09-10 00:00:00.000	2015-08-19 00:00:00.000	2	32.3!
10631	LAMAI	8	2015-08-14 01:00:00.000	2015-09-11 00:00:00.000	2015-08-15 00:00:00.000	1	0.8'
10632	WANDK	8	2015-08-14 03:00:00.000	2015-09-11 00:00:00.000	2015-08-19 00:00:00.000	1	41.3:
10633	ERNSH	7	2015-08-15 06:00:00.000	2015-09-12 00:00:00.000	2015-08-18 00:00:00.000	3	477.9(
10634	FOLIG	4	2015-08-15 13:00:00.000	2015-09-12 00:00:00.000	2015-08-21 00:00:00.000	3	487.3:
10635	MAGAA	8	2015-08-18 13:00:00.000	2015-09-15 00:00:00.000	2015-08-21 00:00:00.000	3	47.4(
10636	WARTH	4	2015-08-19 15:00:00.000	2015-09-16 00:00:00.000	2015-08-26 00:00:00.000	1	1.1!
10637	QUEEN	6	2015-08-19 16:00:00.000	2015-09-16 00:00:00.000	2015-08-26 00:00:00.000	1	201.2!
10639	SANTG	7	2015-08-20 06:00:00.000	2015-09-17 00:00:00.000	2015-08-27 00:00:00.000	3	38.6·
10638	LINOD	3	2015-08-20 16:00:00.000	2015-09-17 00:00:00.000	2015-09-01 00:00:00.000	1	158.4·
10640	WANDK	4	2015-08-21 07:00:00.000	2015-09-18 00:00:00.000	2015-08-28 00:00:00.000	1	23.5!
10642	SIMOB	7	2015-08-22 00:00:00.000	2015-09-19 00:00:00.000	2015-09-05 00:00:00.000	3	41.8!
10641	HILAA	4	2015-08-22 04:00:00.000	2015-09-19 00:00:00.000	2015-08-26 00:00:00.000	2	179.6:
10644	WELLI	3	2015-08-25 07:00:00.000	2015-09-22 00:00:00.000	2015-09-01 00:00:00.000	2	0.1·
10643	ALFKI	6	2015-08-25 19:00:00.000	2015-09-22 00:00:00.000	2015-09-02 00:00:00.000	1	29.4(

10645	HANAR	4	2015-08-26 03:00:00.000	2015-09-23 00:00:00.000	2015-09-02 00:00:00.000	1	12.4:
10646	HUNGO	9	2015-08-27 00:00:00.000	2015-10-08 00:00:00.000	2015-09-03 00:00:00.000	3	142.3:
10647	QUEDE	4	2015-08-27 04:00:00.000	2015-09-10 00:00:00.000	2015-09-03 00:00:00.000	2	45.5₄
10649	MAISD	5	2015-08-28 00:00:00.000	2015-09-25 00:00:00.000	2015-08-29 00:00:00.000	3	6.2(
10648	RICAR	5	2015-08-28 22:00:00.000	2015-10-09 00:00:00.000	2015-09-09 00:00:00.000	2	14.2!
10650	FAMIA	5	2015-08-29 06:00:00.000	2015-09-26 00:00:00.000	2015-09-03 00:00:00.000	3	176.8:
10651	WANDK	8	2015-09-01 05:00:00.000	2015-09-29 00:00:00.000	2015-09-11 00:00:00.000	2	20.6(
10652	GOURL	4	2015-09-01 20:00:00.000	2015-09-29 00:00:00.000	2015-09-08 00:00:00.000	2	7.1₄
10654	BERGS	5	2015-09-02 07:00:00.000	2015-09-30 00:00:00.000	2015-09-11 00:00:00.000	1	55.2(
10653	FRANK	1	2015-09-02 09:00:00.000	2015-09-30 00:00:00.000	2015-09-19 00:00:00.000	1	93.2!
10655	REGGC	1	2015-09-03 00:00:00.000	2015-10-01 00:00:00.000	2015-09-11 00:00:00.000	2	4.4:
10656	GREAL	6	2015-09-04 11:00:00.000	2015-10-02 00:00:00.000	2015-09-10 00:00:00.000	1	57.1!
10657	SAVEA	2	2015-09-04 11:00:00.000	2015-10-02 00:00:00.000	2015-09-15 00:00:00.000	2	352.6!
10658	QUICK	4	2015-09-05 02:00:00.000	2015-10-03 00:00:00.000	2015-09-08 00:00:00.000	1	364.1!
10659	QUEEN	7	2015-09-05 02:00:00.000	2015-10-03 00:00:00.000	2015-09-10 00:00:00.000	2	105.8:
10660	HUNGC	8	2015-09-08 03:00:00.000	2015-10-06 00:00:00.000	2015-10-15 00:00:00.000	1	111.2!
10661	HUNGO	7	2015-09-09 14:00:00.000	2015-10-07 00:00:00.000	2015-09-15 00:00:00.000	3	17.5!
10662	LONEP	3	2015-09-09 22:00:00.000	2015-10-07 00:00:00.000	2015-09-18 00:00:00.000	2	1.2(
10663	BONAP	2	2015-09-10 12:00:00.000	2015-09-24 00:00:00.000	2015-10-03 00:00:00.000	2	113.1!
10664	FURIB	1	2015-09-10 12:00:00.000	2015-10-08 00:00:00.000	2015-09-19 00:00:00.000	3	1.2'
10665	LONEP	1	2015-09-11 06:00:00.000	2015-10-09 00:00:00.000	2015-09-17 00:00:00.000	2	26.3:
10666	RICSU	7	2015-09-12 12:00:00.000	2015-10-10 00:00:00.000	2015-09-22 00:00:00.000	2	232.4:
10667	ERNSH	7	2015-09-12 21:00:00.000	2015-10-10 00:00:00.000	2015-09-19 00:00:00.000	1	78.0!
10668	WANDK	1	2015-09-15 14:00:00.000	2015-10-13 00:00:00.000	2015-09-23 00:00:00.000	2	47.2:

10669	SIMOB	2	2015-09-15 22:00:00.000	2015-10-13 00:00:00.000	2015-09-22 00:00:00.000	1	24.3!
10670	FRANK	4	2015-09-16 09:00:00.000	2015-10-14 00:00:00.000	2015-09-18 00:00:00.000	1	203.4!
10671	FRANR	1	2015-09-17 06:00:00.000	2015-10-15 00:00:00.000	2015-09-24 00:00:00.000	1	30.3₄
10672	BERGS	9	2015-09-17 13:00:00.000	2015-10-01 00:00:00.000	2015-09-26 00:00:00.000	2	95.7!
10673	WILMK	2	2015-09-18 08:00:00.000	2015-10-16 00:00:00.000	2015-09-19 00:00:00.000	1	22.7(
10674	ISLAT	4	2015-09-18 17:00:00.000	2015-10-16 00:00:00.000	2015-09-30 00:00:00.000	2	0.9(
10675	FRANK	5	2015-09-19 06:00:00.000	2015-10-17 00:00:00.000	2015-09-23 00:00:00.000	2	31.8!
10676	TORTU	2	2015-09-22 10:00:00.000	2015-10-20 00:00:00.000	2015-09-29 00:00:00.000	2	2.0:
10677	ANTON	1	2015-09-22 20:00:00.000	2015-10-20 00:00:00.000	2015-09-26 00:00:00.000	3	4.0:
10679	BLONP	8	2015-09-23 19:00:00.000	2015-10-21 00:00:00.000	2015-09-30 00:00:00.000	3	27.9₄
10678	SAVEA	7	2015-09-23 20:00:00.000	2015-10-21 00:00:00.000	2015-10-16 00:00:00.000	3	388.9!
10680	OLDWO	1	2015-09-24 16:00:00.000	2015-10-22 00:00:00.000	2015-09-26 00:00:00.000	1	26.6:
10681	GREAL	3	2015-09-25 00:00:00.000	2015-10-23 00:00:00.000	2015-09-30 00:00:00.000	3	76.1:
10682	ANTON	3	2015-09-25 04:00:00.000	2015-10-23 00:00:00.000	2015-10-01 00:00:00.000	2	36.1:
10684	OTTIK	3	2015-09-26 01:00:00.000	2015-10-24 00:00:00.000	2015-09-30 00:00:00.000	1	145.6:
10683	DUMON	2	2015-09-26 18:00:00.000	2015-10-24 00:00:00.000	2015-10-01 00:00:00.000	1	4.4(
10685	GOURL	4	2015-09-29 00:00:00.000	2015-10-13 00:00:00.000	2015-10-03 00:00:00.000	2	33.7!
10686	PICCO	2	2015-09-30 00:00:00.000	2015-10-28 00:00:00.000	2015-10-08 00:00:00.000	1	96.5(
10687	HUNGO	9	2015-09-30 00:00:00.000	2015-10-28 00:00:00.000	2015-10-30 00:00:00.000	2	296.4:
10689	BERGS	1	2015-10-01 06:00:00.000	2015-10-29 00:00:00.000	2015-10-07 00:00:00.000	2	13.4:
10688	VAFFE	4	2015-10-01 10:00:00.000	2015-10-15 00:00:00.000	2015-10-07 00:00:00.000	2	299.0!
10690	HANAR	1	2015-10-02 04:00:00.000	2015-10-30 00:00:00.000	2015-10-03 00:00:00.000	1	15.8(
10692	ALFKI	4	2015-10-03 05:00:00.000	2015-10-31 00:00:00.000	2015-10-13 00:00:00.000	2	61.0:
10691	QUICK	2	2015-10-03 14:00:00.000	2015-11-14 00:00:00.000	2015-10-22 00:00:00.000	2	810.0!
10693	WHITC	3	2015-10-06 05:00:00.000	2015-10-20 00:00:00.000	2015-10-10 00:00:00.000	3	139.3₄

10694	QUICK	8	2015-10-06 10:00:00.000	2015-11-03 00:00:00.000	2015-10-09 00:00:00.000	3	398.3(
10695	WILMK	7	2015-10-07 08:00:00.000	2015-11-18 00:00:00.000	2015-10-14 00:00:00.000	1	16.7:
10696	WHITC	8	2015-10-08 00:00:00.000	2015-11-19 00:00:00.000	2015-10-14 00:00:00.000	3	102.5!
10697	LINOD	3	2015-10-08 04:00:00.000	2015-11-05 00:00:00.000	2015-10-14 00:00:00.000	1	45.5:
10699	MORGK	3	2015-10-09 05:00:00.000	2015-11-06 00:00:00.000	2015-10-13 00:00:00.000	3	0.5!
10698	ERNSH	4	2015-10-09 14:00:00.000	2015-11-06 00:00:00.000	2015-10-17 00:00:00.000	1	272.4
10700	SAVEA	3	2015-10-10 19:00:00.000	2015-11-07 00:00:00.000	2015-10-16 00:00:00.000	1	65.1(
10701	HUNGO	6	2015-10-13 00:00:00.000	2015-10-27 00:00:00.000	2015-10-15 00:00:00.000	3	220.3:
10702	ALFKI	4	2015-10-13 19:00:00.000	2015-11-24 00:00:00.000	2015-10-21 00:00:00.000	1	23.9₄
10703	FOLKO	6	2015-10-14 16:00:00.000	2015-11-11 00:00:00.000	2015-10-20 00:00:00.000	2	152.3(
10704	QUEEN	6	2015-10-14 18:00:00.000	2015-11-11 00:00:00.000	2015-11-07 00:00:00.000	1	4.7!
10705	HILAA	9	2015-10-15 19:00:00.000	2015-11-12 00:00:00.000	2015-11-18 00:00:00.000	2	3.5:
10707	AROUT	4	2015-10-16 06:00:00.000	2015-10-30 00:00:00.000	2015-10-23 00:00:00.000	3	21.7₄
10706	OLDWO	8	2015-10-16 15:00:00.000	2015-11-13 00:00:00.000	2015-10-21 00:00:00.000	3	135.6:
10708	THEBI	6	2015-10-17 11:00:00.000	2015-11-28 00:00:00.000	2015-11-05 00:00:00.000	2	2.9(
10709	GOURL	1	2015-10-17 13:00:00.000	2015-11-14 00:00:00.000	2015-11-20 00:00:00.000	3	210.8(
10710	FRANS	1	2015-10-20 10:00:00.000	2015-11-17 00:00:00.000	2015-10-23 00:00:00.000	1	4.9!
10711	SAVEA	5	2015-10-21 03:00:00.000	2015-12-02 00:00:00.000	2015-10-29 00:00:00.000	2	52.4:
10712	HUNGO	3	2015-10-21 10:00:00.000	2015-11-18 00:00:00.000	2015-10-31 00:00:00.000	1	89.9:
10713	SAVEA	1	2015-10-22 00:00:00.000	2015-11-19 00:00:00.000	2015-10-24 00:00:00.000	1	167.0!
10714	SAVEA	5	2015-10-22 03:00:00.000	2015-11-19 00:00:00.000	2015-10-27 00:00:00.000	3	24.4!
10715	BONAP	3	2015-10-23 14:00:00.000	2015-11-06 00:00:00.000	2015-10-29 00:00:00.000	1	63.2(
10717	FRANK	1	2015-10-24 04:00:00.000	2015-11-21 00:00:00.000	2015-10-29 00:00:00.000	2	59.2!
10716	RANCH	4	2015-10-24 05:00:00.000	2015-11-21 00:00:00.000	2015-10-27 00:00:00.000	2	22.5

10718	KOENE	1	2015-10-27 10:00:00.000	2015-11-24 00:00:00.000	2015-10-29 00:00:00.000	3	170.8
10719	LETSS	8	2015-10-27 17:00:00.000	2015-11-24 00:00:00.000	2015-11-05 00:00:00.000	2	51.4
10720	QUEDE	8	2015-10-28 17:00:00.000	2015-11-11 00:00:00.000	2015-11-05 00:00:00.000	2	9.5
10722	SAVEA	8	2015-10-29 03:00:00.000	2015-12-10 00:00:00.000	2015-11-04 00:00:00.000	1	74.5
10721	QUICK	5	2015-10-29 08:00:00.000	2015-11-26 00:00:00.000	2015-10-31 00:00:00.000	3	48.9
10724	MEREP	8	2015-10-30 05:00:00.000	2015-12-11 00:00:00.000	2015-11-05 00:00:00.000	2	57.7
10723	WHITC	3	2015-10-30 22:00:00.000	2015-11-27 00:00:00.000	2015-11-25 00:00:00.000	1	21.7
10725	FAMIA	4	2015-10-31 00:00:00.000	2015-11-28 00:00:00.000	2015-11-05 00:00:00.000	3	10.8
10726	EASTC	4	2015-11-03 05:00:00.000	2015-11-17 00:00:00.000	2015-12-05 00:00:00.000	1	16.5
10727	REGGC	2	2015-11-03 20:00:00.000	2015-12-01 00:00:00.000	2015-12-05 00:00:00.000	1	89.9
10728	QUEEN	4	2015-11-04 16:00:00.000	2015-12-02 00:00:00.000	2015-11-11 00:00:00.000	2	58.3
10729	LINOD	8	2015-11-04 20:00:00.000	2015-12-16 00:00:00.000	2015-11-14 00:00:00.000	3	141.0
10730	BONAP	5	2015-11-05 07:00:00.000	2015-12-03 00:00:00.000	2015-11-14 00:00:00.000	1	20.1
10731	CHOPS	7	2015-11-06 13:00:00.000	2015-12-04 00:00:00.000	2015-11-14 00:00:00.000	1	96.6
10732	BONAP	3	2015-11-06 15:00:00.000	2015-12-04 00:00:00.000	2015-11-07 00:00:00.000	1	16.9
10733	BERGS	1	2015-11-07 02:00:00.000	2015-12-05 00:00:00.000	2015-11-10 00:00:00.000	3	110.1
10734	GOURL	2	2015-11-07 05:00:00.000	2015-12-05 00:00:00.000	2015-11-12 00:00:00.000	3	1.6
10735	LETSS	6	2015-11-10 20:00:00.000	2015-12-08 00:00:00.000	2015-11-21 00:00:00.000	2	45.9
10736	HUNGO	9	2015-11-11 05:00:00.000	2015-12-09 00:00:00.000	2015-11-21 00:00:00.000	2	44.1
10737	VINET	2	2015-11-11 13:00:00.000	2015-12-09 00:00:00.000	2015-11-18 00:00:00.000	2	7.7
10738	SPECD	2	2015-11-12 03:00:00.000	2015-12-10 00:00:00.000	2015-11-18 00:00:00.000	1	2.9
10739	VINET	3	2015-11-12 10:00:00.000	2015-12-10 00:00:00.000	2015-11-17 00:00:00.000	3	11.0
10740	WHITC	4	2015-11-13 16:00:00.000	2015-12-11 00:00:00.000	2015-11-25 00:00:00.000	2	81.8
10741	AROUT	4	2015-11-14 10:00:00.000	2015-11-28 00:00:00.000	2015-11-18 00:00:00.000	3	10.9

10742	BOTTM	3	2015-11-14 12:00:00.000	2015-12-12 00:00:00.000	2015-11-18 00:00:00.000	3	243.7:
10744	VAFFE	6	2015-11-17 08:00:00.000	2015-12-15 00:00:00.000	2015-11-24 00:00:00.000	1	69.1!
10743	AROUT	1	2015-11-17 18:00:00.000	2015-12-15 00:00:00.000	2015-11-21 00:00:00.000	2	23.7:
10745	QUICK	9	2015-11-18 08:00:00.000	2015-12-16 00:00:00.000	2015-11-27 00:00:00.000	1	3.5:
10746	CHOPS	1	2015-11-19 10:00:00.000	2015-12-17 00:00:00.000	2015-11-21 00:00:00.000	3	31.4:
10747	PICCO	6	2015-11-19 12:00:00.000	2015-12-17 00:00:00.000	2015-11-26 00:00:00.000	1	117.3:
10749	ISLAT	4	2015-11-20 00:00:00.000	2015-12-18 00:00:00.000	2015-12-19 00:00:00.000	2	61.5:
10748	SAVEA	3	2015-11-20 14:00:00.000	2015-12-18 00:00:00.000	2015-11-28 00:00:00.000	1	232.5!
10750	WARTH	9	2015-11-21 16:00:00.000	2015-12-19 00:00:00.000	2015-11-24 00:00:00.000	1	79.3(
10751	RICSU	3	2015-11-24 03:00:00.000	2015-12-22 00:00:00.000	2015-12-03 00:00:00.000	3	130.7!
10752	NORTS	2	2015-11-24 22:00:00.000	2015-12-22 00:00:00.000	2015-11-28 00:00:00.000	3	1.3!
10754	MAGAA	6	2015-11-25 03:00:00.000	2015-12-23 00:00:00.000	2015-11-27 00:00:00.000	3	2.3!
10753	FRANS	3	2015-11-25 07:00:00.000	2015-12-23 00:00:00.000	2015-11-27 00:00:00.000	1	7.7(
10755	BONAP	4	2015-11-26 03:00:00.000	2015-12-24 00:00:00.000	2015-11-28 00:00:00.000	2	16.7:
10757	SAVEA	6	2015-11-27 02:00:00.000	2015-12-25 00:00:00.000	2015-12-15 00:00:00.000	1	8.1!
10756	SPLIR	8	2015-11-27 20:00:00.000	2015-12-25 00:00:00.000	2015-12-02 00:00:00.000	2	73.2:
10759	ANATR	3	2015-11-28 06:00:00.000	2015-12-26 00:00:00.000	2015-12-12 00:00:00.000	3	11.9!
10758	RICSU	3	2015-11-28 11:00:00.000	2015-12-26 00:00:00.000	2015-12-04 00:00:00.000	3	138.1
10760	MAISD	4	2015-12-01 17:00:00.000	2015-12-29 00:00:00.000	2015-12-10 00:00:00.000	1	155.6∠
10762	FOLKO	3	2015-12-02 00:00:00.000	2015-12-30 00:00:00.000	2015-12-09 00:00:00.000	1	328.7∠
10761	RATTC	5	2015-12-02 08:00:00.000	2015-12-30 00:00:00.000	2015-12-08 00:00:00.000	2	18.6(
10763	FOLIG	3	2015-12-03 05:00:00.000	2015-12-31 00:00:00.000	2015-12-08 00:00:00.000	3	37.3!
10764	ERNSH	6	2015-12-03 12:00:00.000	2015-12-31 00:00:00.000	2015-12-08 00:00:00.000	3	145.4!
10765	QUICK	3	2015-12-04 10:00:00.000	2016-01-01 00:00:00.000	2015-12-09 00:00:00.000	3	42.7∠

10766	OTTIK	4	2015-12-05 02:00:00.000	2016-01-02 00:00:00.000	2015-12-09 00:00:00.000	1	157.5!
10767	SUPRD	4	2015-12-05 22:00:00.000	2016-01-02 00:00:00.000	2015-12-15 00:00:00.000	3	1.5!
10769	VAFFE	3	2015-12-08 19:00:00.000	2016-01-05 00:00:00.000	2015-12-12 00:00:00.000	1	65.0(
10768	AROUT	3	2015-12-08 20:00:00.000	2016-01-05 00:00:00.000	2015-12-15 00:00:00.000	2	146.3:
10770	HANAR	8	2015-12-09 03:00:00.000	2016-01-06 00:00:00.000	2015-12-17 00:00:00.000	3	5.3:
10771	ERNSH	9	2015-12-10 12:00:00.000	2016-01-07 00:00:00.000	2016-01-02 00:00:00.000	2	11.1!
10772	LEHMS	3	2015-12-10 12:00:00.000	2016-01-07 00:00:00.000	2015-12-19 00:00:00.000	2	91.2{
10773	ERNSH	1	2015-12-11 05:00:00.000	2016-01-08 00:00:00.000	2015-12-16 00:00:00.000	3	96.4:
10774	FOLKO	4	2015-12-11 11:00:00.000	2015-12-25 00:00:00.000	2015-12-12 00:00:00.000	1	48.2(
10775	THECR	7	2015-12-12 13:00:00.000	2016-01-09 00:00:00.000	2015-12-26 00:00:00.000	1	20.2!
10777	GOURL	7	2015-12-15 08:00:00.000	2015-12-29 00:00:00.000	2016-01-21 00:00:00.000	2	3.0:
10776	ERNSH	1	2015-12-15 19:00:00.000	2016-01-12 00:00:00.000	2015-12-18 00:00:00.000	3	351.5:
10779	MORGK	3	2015-12-16 04:00:00.000	2016-01-13 00:00:00.000	2016-01-14 00:00:00.000	2	58.1:
10778	BERGS	3	2015-12-16 07:00:00.000	2016-01-13 00:00:00.000	2015-12-24 00:00:00.000	1	6.7!
10780	LILAS	2	2015-12-16 22:00:00.000	2015-12-30 00:00:00.000	2015-12-25 00:00:00.000	1	42.1:
10781	WARTH	2	2015-12-17 02:00:00.000	2016-01-14 00:00:00.000	2015-12-19 00:00:00.000	3	73.1(
10782	CACTU	9	2015-12-17 13:00:00.000	2016-01-14 00:00:00.000	2015-12-22 00:00:00.000	3	1.1(
10784	MAGAA	4	2015-12-18 04:00:00.000	2016-01-15 00:00:00.000	2015-12-22 00:00:00.000	3	70.0!
10785	GROSR	1	2015-12-18 11:00:00.000	2016-01-15 00:00:00.000	2015-12-24 00:00:00.000	3	1.5:
10783	HANAR	4	2015-12-18 15:00:00.000	2016-01-15 00:00:00.000	2015-12-19 00:00:00.000	2	124.9{
10787	LAMAI	2	2015-12-19 07:00:00.000	2016-01-02 00:00:00.000	2015-12-26 00:00:00.000	1	249.9:
10786	QUEEN	8	2015-12-19 16:00:00.000	2016-01-16 00:00:00.000	2015-12-23 00:00:00.000	1	110.8'
10788	QUICK	1	2015-12-22 01:00:00.000	2016-01-19 00:00:00.000	2016-01-19 00:00:00.000	2	42.7(
10790	GOURL	6	2015-12-22 17:00:00.000	2016-01-19 00:00:00.000	2015-12-26 00:00:00.000	1	28.2:

10789	FOLIG	1	2015-12-22 21:00:00.000	2016-01-19 00:00:00.000	2015-12-31 00:00:00.000	2	100.6(
10792	WOLZA	1	2015-12-23 11:00:00.000	2016-01-20 00:00:00.000	2015-12-31 00:00:00.000	3	23.79
10791	FRANK	6	2015-12-23 12:00:00.000	2016-01-20 00:00:00.000	2016-01-01 00:00:00.000	2	16.85
10794	QUEDE	6	2015-12-24 03:00:00.000	2016-01-21 00:00:00.000	2016-01-02 00:00:00.000	1	21.4!
10795	ERNSH	8	2015-12-24 11:00:00.000	2016-01-21 00:00:00.000	2016-01-20 00:00:00.000	2	126.6(
10793	AROUT	3	2015-12-24 21:00:00.000	2016-01-21 00:00:00.000	2016-01-08 00:00:00.000	3	4.5;
10797	DRACD	7	2015-12-25 14:00:00.000	2016-01-22 00:00:00.000	2016-01-05 00:00:00.000	2	33.3!
10796	HILAA	3	2015-12-25 16:00:00.000	2016-01-22 00:00:00.000	2016-01-14 00:00:00.000	1	26.5;
10798	ISLAT	2	2015-12-26 12:00:00.000	2016-01-23 00:00:00.000	2016-01-05 00:00:00.000	1	2.3;
10800	SEVES	1	2015-12-26 13:00:00.000	2016-01-23 00:00:00.000	2016-01-05 00:00:00.000	3	137.4·
10799	KOENE	9	2015-12-26 14:00:00.000	2016-02-06 00:00:00.000	2016-01-05 00:00:00.000	3	30.7(
10802	SIMOB	4	2015-12-29 10:00:00.000	2016-01-26 00:00:00.000	2016-01-02 00:00:00.000	2	257.2(
10801	BOLID	4	2015-12-29 14:00:00.000	2016-01-26 00:00:00.000	2015-12-31 00:00:00.000	2	97.0!
10803	WELLI	4	2015-12-30 04:00:00.000	2016-01-27 00:00:00.000	2016-01-06 00:00:00.000	1	55.2;
10805	THEBI	2	2015-12-30 17:00:00.000	2016-01-27 00:00:00.000	2016-01-09 00:00:00.000	3	237.3·
10804	SEVES	6	2015-12-30 20:00:00.000	2016-01-27 00:00:00.000	2016-01-07 00:00:00.000	2	27.3;
10806	VICTE	3	2015-12-31 11:00:00.000	2016-01-28 00:00:00.000	2016-01-05 00:00:00.000	2	2000.0(
10807	FRANS	4	2015-12-31 11:00:00.000	2016-01-28 00:00:00.000	2016-01-30 00:00:00.000	1	1.3(
10808	OLDWO	2	2016-01-01 03:00:00.000	2016-01-29 00:00:00.000	2016-01-09 00:00:00.000	3	45.5;
10810	LAUGB	2	2016-01-01 17:00:00.000	2016-01-29 00:00:00.000	2016-01-07 00:00:00.000	3	4.3;
10809	WELLI	7	2016-01-01 20:00:00.000	2016-01-29 00:00:00.000	2016-01-07 00:00:00.000	1	4.8'
10812	REGGC	5	2016-01-02 02:00:00.000	2016-01-30 00:00:00.000	2016-01-12 00:00:00.000	1	59.7{
10811	LINOD	8	2016-01-02 20:00:00.000	2016-01-30 00:00:00.000	2016-01-08 00:00:00.000	1	31.2;

10813	RICAR	1	2016-01-05 01:00:00.000	2016-02-02 00:00:00.000	2016-01-09 00:00:00.000	1	47.3٤
10815	SAVEA	2	2016-01-05 04:00:00.000	2016-02-02 00:00:00.000	2016-01-14 00:00:00.000	3	14.62
10814	VICTE	3	2016-01-05 18:00:00.000	2016-02-02 00:00:00.000	2016-01-14 00:00:00.000	3	130.9٤
10817	KOENE	3	2016-01-06 21:00:00.000	2016-01-20 00:00:00.000	2016-01-13 00:00:00.000	2	306.0٦
10816	GREAL	4	2016-01-06 22:00:00.000	2016-02-03 00:00:00.000	2016-02-04 00:00:00.000	2	719.7٤
10820	RATTC	3	2016-01-07 02:00:00.000	2016-02-04 00:00:00.000	2016-01-13 00:00:00.000	2	37.52
10819	CACTU	2	2016-01-07 06:00:00.000	2016-02-04 00:00:00.000	2016-01-16 00:00:00.000	3	19.7٦
10818	MAGAA	7	2016-01-07 17:00:00.000	2016-02-04 00:00:00.000	2016-01-12 00:00:00.000	3	65.4٤
10822	TRAIH	6	2016-01-08 08:00:00.000	2016-02-05 00:00:00.000	2016-01-16 00:00:00.000	3	7.0٦
10821	SPLIR	1	2016-01-08 15:00:00.000	2016-02-05 00:00:00.000	2016-01-15 00:00:00.000	1	36.6٤
10825	DRACD	1	2016-01-09 01:00:00.000	2016-02-06 00:00:00.000	2016-01-14 00:00:00.000	1	79.2٥
10824	FOLKO	8	2016-01-09 04:00:00.000	2016-02-06 00:00:00.000	2016-01-30 00:00:00.000	1	1.2٢
10823	LILAS	5	2016-01-09 17:00:00.000	2016-02-06 00:00:00.000	2016-01-13 00:00:00.000	2	163.9٦
10826	BLONP	6	2016-01-12 03:00:00.000	2016-02-09 00:00:00.000	2016-02-06 00:00:00.000	1	7.0٩
10827	BONAP	1	2016-01-12 19:00:00.000	2016-01-26 00:00:00.000	2016-02-06 00:00:00.000	2	63.5٤
10828	RANCH	9	2016-01-13 04:00:00.000	2016-01-27 00:00:00.000	2016-02-04 00:00:00.000	1	90.8٥
10829	ISLAT	9	2016-01-13 17:00:00.000	2016-02-10 00:00:00.000	2016-01-23 00:00:00.000	1	154.7٢
10830	TRADH	4	2016-01-13 22:00:00.000	2016-02-24 00:00:00.000	2016-01-21 00:00:00.000	2	81.8٢
10831	SANTG	3	2016-01-14 09:00:00.000	2016-02-11 00:00:00.000	2016-01-23 00:00:00.000	2	72.1٩
10832	LAMAI	2	2016-01-14 13:00:00.000	2016-02-11 00:00:00.000	2016-01-19 00:00:00.000	2	43.2٦
10833	OTTIK	6	2016-01-15 14:00:00.000	2016-02-12 00:00:00.000	2016-01-23 00:00:00.000	2	71.4٩
10834	TRADH	1	2016-01-15 14:00:00.000	2016-02-12 00:00:00.000	2016-01-19 00:00:00.000	3	29.7٤
10835	ALFKI	1	2016-01-15 20:00:00.000	2016-02-12 00:00:00.000	2016-01-21 00:00:00.000	3	69.5٢

10837	BERGS	9	2016-01-16 08:00:00.000	2016-02-13 00:00:00.000	2016-01-23 00:00:00.000	3	13.3:
10836	ERNSH	7	2016-01-16 16:00:00.000	2016-02-13 00:00:00.000	2016-01-21 00:00:00.000	1	411.8
10838	LINOD	3	2016-01-19 03:00:00.000	2016-02-16 00:00:00.000	2016-01-23 00:00:00.000	3	59.2
10839	TRADH	3	2016-01-19 08:00:00.000	2016-02-16 00:00:00.000	2016-01-22 00:00:00.000	3	35.4:
10840	LINOD	4	2016-01-19 12:00:00.000	2016-03-02 00:00:00.000	2016-02-16 00:00:00.000	2	2.7:
10841	SUPRD	5	2016-01-20 21:00:00.000	2016-02-17 00:00:00.000	2016-01-29 00:00:00.000	2	424.3
10842	TORTU	1	2016-01-20 21:00:00.000	2016-02-17 00:00:00.000	2016-01-29 00:00:00.000	3	54.4:
10844	PICCO	8	2016-01-21 00:00:00.000	2016-02-18 00:00:00.000	2016-01-26 00:00:00.000	2	25.2:
10843	VICTE	4	2016-01-21 09:00:00.000	2016-02-18 00:00:00.000	2016-01-26 00:00:00.000	2	9.2
10845	QUICK	8	2016-01-21 16:00:00.000	2016-02-04 00:00:00.000	2016-01-30 00:00:00.000	1	212.9
10846	SUPRD	2	2016-01-22 08:00:00.000	2016-03-05 00:00:00.000	2016-01-23 00:00:00.000	3	56.4
10847	SAVEA	4	2016-01-22 08:00:00.000	2016-02-05 00:00:00.000	2016-02-10 00:00:00.000	3	487.5
10849	KOENE	9	2016-01-23 10:00:00.000	2016-02-20 00:00:00.000	2016-01-30 00:00:00.000	2	0.5
10848	CONSH	7	2016-01-23 16:00:00.000	2016-02-20 00:00:00.000	2016-01-29 00:00:00.000	2	38.2
10850	VICTE	1	2016-01-23 22:00:00.000	2016-03-06 00:00:00.000	2016-01-30 00:00:00.000	1	49.1
10851	RICAR	5	2016-01-26 00:00:00.000	2016-02-23 00:00:00.000	2016-02-02 00:00:00.000	1	160.5
10852	RATTC	8	2016-01-26 10:00:00.000	2016-02-09 00:00:00.000	2016-01-30 00:00:00.000	1	174.0
10854	ERNSH	3	2016-01-27 01:00:00.000	2016-02-24 00:00:00.000	2016-02-05 00:00:00.000	2	100.2:
10853	BLAUS	9	2016-01-27 03:00:00.000	2016-02-24 00:00:00.000	2016-02-03 00:00:00.000	2	53.8:
10855	OLDWO	3	2016-01-27 17:00:00.000	2016-02-24 00:00:00.000	2016-02-04 00:00:00.000	1	170.9
10856	ANTON	3	2016-01-28 04:00:00.000	2016-02-25 00:00:00.000	2016-02-10 00:00:00.000	2	58.4:
10857	BERGS	8	2016-01-28 05:00:00.000	2016-02-25 00:00:00.000	2016-02-06 00:00:00.000	2	188.8
10859	FRANK	1	2016-01-29 11:00:00.000	2016-02-26 00:00:00.000	2016-02-02 00:00:00.000	2	76.1
10858	LACOR	2	2016-01-29 17:00:00.000	2016-02-26 00:00:00.000	2016-02-03 00:00:00.000	1	52.5:

10860	FRANR	3	2016-01-29 21:00:00.000	2016-02-26 00:00:00.000	2016-02-04 00:00:00.000	3	19.2(
10861	WHITC	4	2016-01-30 02:00:00.000	2016-02-27 00:00:00.000	2016-02-17 00:00:00.000	2	14.9:
10862	LEHMS	8	2016-01-30 22:00:00.000	2016-03-13 00:00:00.000	2016-02-02 00:00:00.000	2	53.2:
10863	HILAA	4	2016-02-02 00:00:00.000	2016-03-02 00:00:00.000	2016-02-17 00:00:00.000	2	30.2(
10865	QUICK	2	2016-02-02 04:00:00.000	2016-02-16 00:00:00.000	2016-02-12 00:00:00.000	1	348.1-
10864	AROUT	4	2016-02-02 17:00:00.000	2016-03-02 00:00:00.000	2016-02-09 00:00:00.000	2	3.0-
10866	BERGS	5	2016-02-03 01:00:00.000	2016-03-03 00:00:00.000	2016-02-12 00:00:00.000	1	109.1:
10867	LONEP	6	2016-02-03 09:00:00.000	2016-03-17 00:00:00.000	2016-02-11 00:00:00.000	1	1.9:
10869	SEVES	5	2016-02-04 09:00:00.000	2016-03-04 00:00:00.000	2016-02-09 00:00:00.000	1	143.2{
10870	WOLZA	5	2016-02-04 12:00:00.000	2016-03-04 00:00:00.000	2016-02-13 00:00:00.000	3	12.0-
10868	QUEEN	7	2016-02-04 16:00:00.000	2016-03-04 00:00:00.000	2016-02-23 00:00:00.000	2	191.2:
10872	GODOS	5	2016-02-05 06:00:00.000	2016-03-05 00:00:00.000	2016-02-09 00:00:00.000	2	175.3:
10871	BONAP	9	2016-02-05 19:00:00.000	2016-03-05 00:00:00.000	2016-02-10 00:00:00.000	2	112.2:
10873	WILMK	4	2016-02-06 02:00:00.000	2016-03-06 00:00:00.000	2016-02-09 00:00:00.000	1	0.8:
10874	GODOS	5	2016-02-06 14:00:00.000	2016-03-06 00:00:00.000	2016-02-11 00:00:00.000	2	19.5{
10875	BERGS	4	2016-02-06 21:00:00.000	2016-03-06 00:00:00.000	2016-03-03 00:00:00.000	2	32.3:
10877	RICAR	1	2016-02-09 15:00:00.000	2016-03-09 00:00:00.000	2016-02-19 00:00:00.000	1	38.0(
10876	BONAP	7	2016-02-09 17:00:00.000	2016-03-09 00:00:00.000	2016-02-12 00:00:00.000	3	60.4:
10879	WILMK	3	2016-02-10 06:00:00.000	2016-03-10 00:00:00.000	2016-02-12 00:00:00.000	3	8.5(
10880	FOLKO	7	2016-02-10 07:00:00.000	2016-03-24 00:00:00.000	2016-02-18 00:00:00.000	1	88.0:
10878	QUICK	4	2016-02-10 12:00:00.000	2016-03-10 00:00:00.000	2016-02-12 00:00:00.000	1	46.6{
10881	CACTU	4	2016-02-11 07:00:00.000	2016-03-11 00:00:00.000	2016-02-18 00:00:00.000	1	2.8-
10882	SAVEA	4	2016-02-11 09:00:00.000	2016-03-11 00:00:00.000	2016-02-20 00:00:00.000	3	23.1(

10883	LONEP	8	2016-02-12 01:00:00.000	2016-03-12 00:00:00.000	2016-02-20 00:00:00.000	3	0.5
10885	SUPRD	6	2016-02-12 07:00:00.000	2016-03-12 00:00:00.000	2016-02-18 00:00:00.000	3	5.6
10884	LETSS	4	2016-02-12 08:00:00.000	2016-03-12 00:00:00.000	2016-02-13 00:00:00.000	2	90.9
10886	HANAR	1	2016-02-13 05:00:00.000	2016-03-13 00:00:00.000	2016-03-02 00:00:00.000	1	4.9
10887	GALED	8	2016-02-13 10:00:00.000	2016-03-13 00:00:00.000	2016-02-16 00:00:00.000	3	1.2
10890	DUMON	7	2016-02-16 02:00:00.000	2016-03-16 00:00:00.000	2016-02-18 00:00:00.000	1	32.7
10889	RATTC	9	2016-02-16 04:00:00.000	2016-03-16 00:00:00.000	2016-02-23 00:00:00.000	3	280.6
10888	GODOS	1	2016-02-16 19:00:00.000	2016-03-16 00:00:00.000	2016-02-23 00:00:00.000	2	51.8
10891	LEHMS	7	2016-02-17 10:00:00.000	2016-03-17 00:00:00.000	2016-02-19 00:00:00.000	2	20.3
10892	MAISD	4	2016-02-17 10:00:00.000	2016-03-17 00:00:00.000	2016-02-19 00:00:00.000	2	120.2
10894	SAVEA	1	2016-02-18 02:00:00.000	2016-03-18 00:00:00.000	2016-02-20 00:00:00.000	1	116.1
10893	KOENE	9	2016-02-18 05:00:00.000	2016-03-18 00:00:00.000	2016-02-20 00:00:00.000	2	77.7
10895	ERNSH	3	2016-02-18 17:00:00.000	2016-03-18 00:00:00.000	2016-02-23 00:00:00.000	1	162.7
10896	MAISD	7	2016-02-19 00:00:00.000	2016-03-19 00:00:00.000	2016-02-27 00:00:00.000	3	32.4
10897	HUNGO	3	2016-02-19 18:00:00.000	2016-03-19 00:00:00.000	2016-02-25 00:00:00.000	2	603.54
10899	LILAS	5	2016-02-20 09:00:00.000	2016-03-20 00:00:00.000	2016-02-26 00:00:00.000	3	1.2
10898	OCEAN	4	2016-02-20 10:00:00.000	2016-03-20 00:00:00.000	2016-03-06 00:00:00.000	2	1.2
10900	WELLI	1	2016-02-20 13:00:00.000	2016-03-20 00:00:00.000	2016-03-04 00:00:00.000	2	1.6
10902	FOLKO	1	2016-02-23 04:00:00.000	2016-03-23 00:00:00.000	2016-03-03 00:00:00.000	1	44.1
10901	HILAA	4	2016-02-23 11:00:00.000	2016-03-23 00:00:00.000	2016-02-26 00:00:00.000	1	62.0
10904	WHITC	3	2016-02-24 09:00:00.000	2016-03-24 00:00:00.000	2016-02-27 00:00:00.000	3	162.9
10905	WELLI	9	2016-02-24 09:00:00.000	2016-03-24 00:00:00.000	2016-03-06 00:00:00.000	2	13.7
10903	HANAR	3	2016-02-24 19:00:00.000	2016-03-24 00:00:00.000	2016-03-04 00:00:00.000	3	36.7

10906	WOLZA	4	2016-02-25 06:00:00.000	2016-03-11 00:00:00.000	2016-03-03 00:00:00.000	3	26.2!
10907	SPECD	6	2016-02-25 12:00:00.000	2016-03-25 00:00:00.000	2016-02-27 00:00:00.000	3	9.1!
10910	WILMK	1	2016-02-26 00:00:00.000	2016-03-26 00:00:00.000	2016-03-04 00:00:00.000	3	38.1:
10909	SANTG	1	2016-02-26 05:00:00.000	2016-03-26 00:00:00.000	2016-03-10 00:00:00.000	2	53.0!
10913	QUEEN	4	2016-02-26 07:00:00.000	2016-03-26 00:00:00.000	2016-03-04 00:00:00.000	1	33.0!
10912	HUNGO	2	2016-02-26 08:00:00.000	2016-03-26 00:00:00.000	2016-03-18 00:00:00.000	2	580.9:
10908	REGGC	4	2016-02-26 12:00:00.000	2016-03-26 00:00:00.000	2016-03-06 00:00:00.000	2	32.9(
10911	GODOS	3	2016-02-26 13:00:00.000	2016-03-26 00:00:00.000	2016-03-05 00:00:00.000	1	38.1!
10915	TORTU	2	2016-02-27 08:00:00.000	2016-03-27 00:00:00.000	2016-03-02 00:00:00.000	2	3.5:
10916	RANCH	1	2016-02-27 10:00:00.000	2016-03-27 00:00:00.000	2016-03-09 00:00:00.000	2	63.7'
10914	QUEEN	6	2016-02-27 14:00:00.000	2016-03-27 00:00:00.000	2016-03-02 00:00:00.000	1	21.1!
10917	ROMEY	4	2016-03-02 02:00:00.000	2016-03-30 00:00:00.000	2016-03-11 00:00:00.000	2	8.2!
10918	BOTTM	3	2016-03-02 10:00:00.000	2016-03-30 00:00:00.000	2016-03-11 00:00:00.000	3	48.8:
10919	LINOD	2	2016-03-02 12:00:00.000	2016-03-30 00:00:00.000	2016-03-04 00:00:00.000	2	19.8(
10922	HANAR	5	2016-03-03 02:00:00.000	2016-03-31 00:00:00.000	2016-03-05 00:00:00.000	3	62.7‹
10923	LAMAI	7	2016-03-03 08:00:00.000	2016-04-14 00:00:00.000	2016-03-13 00:00:00.000	3	68.2(
10920	AROUT	4	2016-03-03 08:00:00.000	2016-03-31 00:00:00.000	2016-03-09 00:00:00.000	2	29.6:
10921	VAFFE	1	2016-03-03 17:00:00.000	2016-04-14 00:00:00.000	2016-03-09 00:00:00.000	1	176.4{
10926	ANATR	4	2016-03-04 16:00:00.000	2016-04-01 00:00:00.000	2016-03-11 00:00:00.000	3	39.9:
10925	HANAR	3	2016-03-04 18:00:00.000	2016-04-01 00:00:00.000	2016-03-13 00:00:00.000	1	2.2'
10924	BERGS	3	2016-03-04 20:00:00.000	2016-04-01 00:00:00.000	2016-04-08 00:00:00.000	2	151.5:
10929	FRANK	6	2016-03-05 00:00:00.000	2016-04-02 00:00:00.000	2016-03-12 00:00:00.000	1	33.9:
10927	LACOR	4	2016-03-05 08:00:00.000	2016-04-02 00:00:00.000	2016-04-08 00:00:00.000	1	19.7!
10928	GALED	1	2016-03-05 10:00:00.000	2016-04-02 00:00:00.000	2016-03-18 00:00:00.000	1	1.3(

10932	BONAP	8	2016-03-06 01:00:00.000	2016-04-03 00:00:00.000	2016-03-24 00:00:00.000	1	134.6
10930	SUPRD	4	2016-03-06 05:00:00.000	2016-04-17 00:00:00.000	2016-03-18 00:00:00.000	3	15.5
10931	RICSU	4	2016-03-06 05:00:00.000	2016-03-20 00:00:00.000	2016-03-19 00:00:00.000	2	13.6
10933	ISLAT	6	2016-03-06 16:00:00.000	2016-04-03 00:00:00.000	2016-03-16 00:00:00.000	3	54.1
10936	GREAL	3	2016-03-09 00:00:00.000	2016-04-06 00:00:00.000	2016-03-18 00:00:00.000	2	33.6
10934	LEHMS	3	2016-03-09 12:00:00.000	2016-04-06 00:00:00.000	2016-03-12 00:00:00.000	3	32.0
10935	WELLI	4	2016-03-09 12:00:00.000	2016-04-06 00:00:00.000	2016-03-18 00:00:00.000	3	47.5
10938	QUICK	3	2016-03-10 14:00:00.000	2016-04-07 00:00:00.000	2016-03-16 00:00:00.000	2	31.8
10939	MAGAA	2	2016-03-10 15:00:00.000	2016-04-07 00:00:00.000	2016-03-13 00:00:00.000	2	76.3
10937	CACTU	7	2016-03-10 22:00:00.000	2016-03-24 00:00:00.000	2016-03-13 00:00:00.000	3	31.5
10943	BSBEV	4	2016-03-11 01:00:00.000	2016-04-08 00:00:00.000	2016-03-19 00:00:00.000	2	2.1
10940	BONAP	8	2016-03-11 02:00:00.000	2016-04-08 00:00:00.000	2016-03-23 00:00:00.000	3	19.7
10941	SAVEA	7	2016-03-11 06:00:00.000	2016-04-08 00:00:00.000	2016-03-20 00:00:00.000	2	400.8
10942	REGGC	9	2016-03-11 11:00:00.000	2016-04-08 00:00:00.000	2016-03-18 00:00:00.000	3	17.9
10944	BOTTM	6	2016-03-12 04:00:00.000	2016-03-26 00:00:00.000	2016-03-13 00:00:00.000	3	52.9
10946	VAFFE	1	2016-03-12 04:00:00.000	2016-04-09 00:00:00.000	2016-03-19 00:00:00.000	2	27.2
10945	MORGK	4	2016-03-12 12:00:00.000	2016-04-09 00:00:00.000	2016-03-18 00:00:00.000	1	10.2
10947	BSBEV	3	2016-03-13 09:00:00.000	2016-04-10 00:00:00.000	2016-03-16 00:00:00.000	2	3.2
10949	BOTTM	2	2016-03-13 13:00:00.000	2016-04-10 00:00:00.000	2016-03-17 00:00:00.000	3	74.4
10948	GODOS	3	2016-03-13 16:00:00.000	2016-04-10 00:00:00.000	2016-03-19 00:00:00.000	3	23.3
10952	ALFKI	1	2016-03-16 00:00:00.000	2016-04-27 00:00:00.000	2016-03-24 00:00:00.000	1	40.4
10953	AROUT	9	2016-03-16 02:00:00.000	2016-03-30 00:00:00.000	2016-03-25 00:00:00.000	2	23.7
10950	MAGAA	1	2016-03-16 02:00:00.000	2016-04-13 00:00:00.000	2016-03-23 00:00:00.000	2	2.5
10951	RICSU	9	2016-03-16 18:00:00.000	2016-04-27 00:00:00.000	2016-04-07 00:00:00.000	2	30.8

10954	LINOD	5	2016-03-17 16:00:00.000	2016-04-28 00:00:00.000	2016-03-20 00:00:00.000	1	27.9:
10955	FOLKO	8	2016-03-17 17:00:00.000	2016-04-14 00:00:00.000	2016-03-20 00:00:00.000	2	3.20
10956	BLAUS	6	2016-03-17 20:00:00.000	2016-04-28 00:00:00.000	2016-03-20 00:00:00.000	2	44.6!
10957	HILAA	8	2016-03-18 04:00:00.000	2016-04-15 00:00:00.000	2016-03-27 00:00:00.000	3	105.30
10958	OCEAN	7	2016-03-18 10:00:00.000	2016-04-15 00:00:00.000	2016-03-27 00:00:00.000	2	49.50
10959	GOURL	6	2016-03-18 14:00:00.000	2016-04-29 00:00:00.000	2016-03-23 00:00:00.000	2	4.9{
10962	QUICK	8	2016-03-19 02:00:00.000	2016-04-16 00:00:00.000	2016-03-23 00:00:00.000	2	275.7!
10961	QUEEN	8	2016-03-19 08:00:00.000	2016-04-16 00:00:00.000	2016-03-30 00:00:00.000	1	104.4'
10960	HILAA	3	2016-03-19 15:00:00.000	2016-04-02 00:00:00.000	2016-04-08 00:00:00.000	1	2.0{
10963	FURIB	9	2016-03-19 16:00:00.000	2016-04-16 00:00:00.000	2016-03-26 00:00:00.000	3	2.70
10965	OLDWO	6	2016-03-20 05:00:00.000	2016-04-17 00:00:00.000	2016-03-30 00:00:00.000	3	144.3{
10964	SPECD	3	2016-03-20 09:00:00.000	2016-04-17 00:00:00.000	2016-03-24 00:00:00.000	2	87.3{
10966	CHOPS	4	2016-03-20 20:00:00.000	2016-04-17 00:00:00.000	2016-04-08 00:00:00.000	1	27.1!
10968	ERNSH	1	2016-03-23 04:00:00.000	2016-04-20 00:00:00.000	2016-04-01 00:00:00.000	3	74.60
10969	COMMI	1	2016-03-23 14:00:00.000	2016-04-20 00:00:00.000	2016-03-30 00:00:00.000	2	0.2:
10967	TOMSP	2	2016-03-23 18:00:00.000	2016-04-20 00:00:00.000	2016-04-02 00:00:00.000	2	62.2:
10970	BOLID	9	2016-03-24 09:00:00.000	2016-04-07 00:00:00.000	2016-04-24 00:00:00.000	1	16.1(
10973	LACOR	6	2016-03-24 09:00:00.000	2016-04-21 00:00:00.000	2016-03-27 00:00:00.000	2	15.1'
10972	LACOR	4	2016-03-24 10:00:00.000	2016-04-21 00:00:00.000	2016-03-26 00:00:00.000	2	0.0:
10971	FRANR	2	2016-03-24 11:00:00.000	2016-04-21 00:00:00.000	2016-04-02 00:00:00.000	2	121.8:
10976	HILAA	1	2016-03-25 20:00:00.000	2016-05-06 00:00:00.000	2016-04-03 00:00:00.000	1	37.9'
10974	SPLIR	3	2016-03-25 21:00:00.000	2016-04-08 00:00:00.000	2016-04-03 00:00:00.000	3	12.9(
10975	BOTTM	1	2016-03-25 21:00:00.000	2016-04-22 00:00:00.000	2016-03-27 00:00:00.000	3	32.2'

10977	FOLKO	8	2016-03-26 02:00:00.000	2016-04-23 00:00:00.000	2016-04-10 00:00:00.000	3	208.5(
10978	MAISD	9	2016-03-26 10:00:00.000	2016-04-23 00:00:00.000	2016-04-23 00:00:00.000	2	32.8;
10979	ERNSH	8	2016-03-26 14:00:00.000	2016-04-23 00:00:00.000	2016-03-31 00:00:00.000	2	353.0
10980	FOLKO	4	2016-03-27 08:00:00.000	2016-05-08 00:00:00.000	2016-04-17 00:00:00.000	1	1.2(
10983	SAVEA	2	2016-03-27 15:00:00.000	2016-04-24 00:00:00.000	2016-04-06 00:00:00.000	2	657.5-
10981	HANAR	1	2016-03-27 21:00:00.000	2016-04-24 00:00:00.000	2016-04-02 00:00:00.000	2	193.3
10982	BOTTM	2	2016-03-27 21:00:00.000	2016-04-24 00:00:00.000	2016-04-08 00:00:00.000	1	14.0
10986	OCEAN	8	2016-03-30 00:00:00.000	2016-04-27 00:00:00.000	2016-04-21 00:00:00.000	2	217.8(
10984	SAVEA	1	2016-03-30 13:00:00.000	2016-04-27 00:00:00.000	2016-04-03 00:00:00.000	3	211.2;
10985	HUNGO	2	2016-03-30 14:00:00.000	2016-04-27 00:00:00.000	2016-04-02 00:00:00.000	1	91.5:
10987	EASTC	8	2016-03-31 00:00:00.000	2016-04-28 00:00:00.000	2016-04-06 00:00:00.000	1	185.4;
10988	RATTC	3	2016-03-31 00:00:00.000	2016-04-28 00:00:00.000	2016-04-10 00:00:00.000	2	61.1-
10989	QUEDE	2	2016-03-31 00:00:00.000	2016-04-28 00:00:00.000	2016-04-02 00:00:00.000	1	34.7(
10992	THEBI	1	2016-04-01 01:00:00.000	2016-04-29 00:00:00.000	2016-04-03 00:00:00.000	3	4.2
10993	FOLKO	7	2016-04-01 02:00:00.000	2016-04-29 00:00:00.000	2016-04-10 00:00:00.000	3	8.8:
10991	QUICK	1	2016-04-01 03:00:00.000	2016-04-29 00:00:00.000	2016-04-07 00:00:00.000	1	38.5:
10990	ERNSH	2	2016-04-01 13:00:00.000	2016-05-13 00:00:00.000	2016-04-07 00:00:00.000	3	117.6;
10995	PERIC	1	2016-04-02 01:00:00.000	2016-04-30 00:00:00.000	2016-04-06 00:00:00.000	3	46.0(
10996	QUICK	4	2016-04-02 07:00:00.000	2016-04-30 00:00:00.000	2016-04-10 00:00:00.000	2	1.1;
10994	VAFFE	2	2016-04-02 21:00:00.000	2016-04-16 00:00:00.000	2016-04-09 00:00:00.000	3	65.5:
10998	WOLZA	8	2016-04-03 00:00:00.000	2016-04-17 00:00:00.000	2016-04-17 00:00:00.000	2	20.3;
10999	OTTIK	6	2016-04-03 01:00:00.000	2016-05-01 00:00:00.000	2016-04-10 00:00:00.000	2	96.3!
10997	LILAS	8	2016-04-03 20:00:00.000	2016-05-15 00:00:00.000	2016-04-13 00:00:00.000	2	73.9;
11003	THECR	3	2016-04-06 03:00:00.000	2016-05-04 00:00:00.000	2016-04-08 00:00:00.000	3	14.9;

11001	FOLKO	2	2016-04-06 04:00:00.000	2016-05-04 00:00:00.000	2016-04-14 00:00:00.000	2	197.3(
11002	SAVEA	4	2016-04-06 14:00:00.000	2016-05-04 00:00:00.000	2016-04-16 00:00:00.000	1	141.1(
11000	RATTC	2	2016-04-06 19:00:00.000	2016-05-04 00:00:00.000	2016-04-14 00:00:00.000	3	55.1:
11006	GREAL	3	2016-04-07 10:00:00.000	2016-05-05 00:00:00.000	2016-04-15 00:00:00.000	2	25.1!
11005	WILMK	2	2016-04-07 16:00:00.000	2016-05-05 00:00:00.000	2016-04-10 00:00:00.000	1	0.7!
11004	MAISD	3	2016-04-07 19:00:00.000	2016-05-05 00:00:00.000	2016-04-20 00:00:00.000	1	44.8·
11008	ERNSH	7	2016-04-08 13:00:00.000	2016-05-06 00:00:00.000	NULL	3	79.4(
11007	PRINI	8	2016-04-08 19:00:00.000	2016-05-06 00:00:00.000	2016-04-13 00:00:00.000	2	202.2·
11009	GODOS	2	2016-04-08 22:00:00.000	2016-05-06 00:00:00.000	2016-04-10 00:00:00.000	1	59.1:
11011	ALFKI	3	2016-04-09 09:00:00.000	2016-05-07 00:00:00.000	2016-04-13 00:00:00.000	1	1.2:
11010	REGGC	2	2016-04-09 10:00:00.000	2016-05-07 00:00:00.000	2016-04-21 00:00:00.000	2	28.7:
11012	FRANK	1	2016-04-09 13:00:00.000	2016-04-23 00:00:00.000	2016-04-17 00:00:00.000	3	242.9!
11013	ROMEY	2	2016-04-09 13:00:00.000	2016-05-07 00:00:00.000	2016-04-10 00:00:00.000	1	32.9!
11016	AROUT	9	2016-04-10 03:00:00.000	2016-05-08 00:00:00.000	2016-04-13 00:00:00.000	2	33.8(
11014	LINOD	2	2016-04-10 06:00:00.000	2016-05-08 00:00:00.000	2016-04-15 00:00:00.000	3	23.6(
11015	SANTG	2	2016-04-10 06:00:00.000	2016-04-24 00:00:00.000	2016-04-20 00:00:00.000	2	4.6:
11019	RANCH	6	2016-04-13 09:00:00.000	2016-05-11 00:00:00.000	NULL	3	3.1·
11017	ERNSH	9	2016-04-13 12:00:00.000	2016-05-11 00:00:00.000	2016-04-20 00:00:00.000	2	754.2(
11018	LONEP	4	2016-04-13 13:00:00.000	2016-05-11 00:00:00.000	2016-04-16 00:00:00.000	2	11.6!
11021	QUICK	3	2016-04-14 01:00:00.000	2016-05-12 00:00:00.000	2016-04-21 00:00:00.000	1	297.1!
11022	HANAR	9	2016-04-14 02:00:00.000	2016-05-12 00:00:00.000	2016-05-04 00:00:00.000	2	6.2·
11023	BSBEV	1	2016-04-14 15:00:00.000	2016-04-28 00:00:00.000	2016-04-24 00:00:00.000	2	123.8:
11020	OTTIK	2	2016-04-14 15:00:00.000	2016-05-12 00:00:00.000	2016-04-16 00:00:00.000	2	43.3(
11026	FRANS	4	2016-04-15 00:00:00.000	2016-05-13 00:00:00.000	2016-04-28 00:00:00.000	1	47.0!

11025	WARTH	6	2016-04-15 13:00:00.000	2016-05-13 00:00:00.000	2016-04-24 00:00:00.000	3	29.1
11024	EASTC	4	2016-04-15 20:00:00.000	2016-05-13 00:00:00.000	2016-04-20 00:00:00.000	1	74.3(
11027	BOTTM	1	2016-04-16 09:00:00.000	2016-05-14 00:00:00.000	2016-04-20 00:00:00.000	1	52.52
11028	KOENE	2	2016-04-16 10:00:00.000	2016-05-14 00:00:00.000	2016-04-22 00:00:00.000	1	29.5(
11029	CHOPS	4	2016-04-16 20:00:00.000	2016-05-14 00:00:00.000	2016-04-27 00:00:00.000	1	47.84
11033	RICSU	7	2016-04-17 02:00:00.000	2016-05-15 00:00:00.000	2016-04-23 00:00:00.000	3	84.74
11030	SAVEA	7	2016-04-17 15:00:00.000	2016-05-15 00:00:00.000	2016-04-27 00:00:00.000	2	830.75
11031	SAVEA	6	2016-04-17 15:00:00.000	2016-05-15 00:00:00.000	2016-04-24 00:00:00.000	2	227.22
11032	WHITC	2	2016-04-17 19:00:00.000	2016-05-15 00:00:00.000	2016-04-23 00:00:00.000	3	606.1(
11034	OLDWO	8	2016-04-20 05:00:00.000	2016-06-01 00:00:00.000	2016-04-27 00:00:00.000	1	40.32
11035	SUPRD	2	2016-04-20 15:00:00.000	2016-05-18 00:00:00.000	2016-04-24 00:00:00.000	2	0.1
11036	DRACD	8	2016-04-20 19:00:00.000	2016-05-18 00:00:00.000	2016-04-22 00:00:00.000	3	149.4
11039	LINOD	1	2016-04-21 11:00:00.000	2016-05-19 00:00:00.000	NULL	2	65.0(
11037	GODOS	7	2016-04-21 12:00:00.000	2016-05-19 00:00:00.000	2016-04-27 00:00:00.000	1	3.2(
11038	SUPRD	1	2016-04-21 18:00:00.000	2016-05-19 00:00:00.000	2016-04-30 00:00:00.000	2	29.5(
11041	CHOPS	3	2016-04-22 04:00:00.000	2016-05-20 00:00:00.000	2016-04-28 00:00:00.000	2	48.22
11042	COMMI	2	2016-04-22 09:00:00.000	2016-05-06 00:00:00.000	2016-05-01 00:00:00.000	1	29.9(
11040	GREAL	4	2016-04-22 13:00:00.000	2016-05-20 00:00:00.000	NULL	3	18.84
11043	SPECD	5	2016-04-22 17:00:00.000	2016-05-20 00:00:00.000	2016-04-29 00:00:00.000	2	8.8(
11044	WOLZA	4	2016-04-23 19:00:00.000	2016-05-21 00:00:00.000	2016-05-01 00:00:00.000	1	8.72
11046	WANDK	8	2016-04-23 19:00:00.000	2016-05-21 00:00:00.000	2016-04-24 00:00:00.000	2	71.64
11045	BOTTM	6	2016-04-23 21:00:00.000	2016-05-21 00:00:00.000	NULL	2	70.5(
11048	BOTTM	7	2016-04-24 13:00:00.000	2016-05-22 00:00:00.000	2016-04-30 00:00:00.000	3	24.12
11047	EASTC	7	2016-04-24 20:00:00.000	2016-05-22 00:00:00.000	2016-05-01 00:00:00.000	3	46.62
11049	GOURL	3	2016-04-24 22:00:00.000	2016-05-22 00:00:00.000	2016-05-04 00:00:00.000	1	8.34

11052	HANAR	3	2016-04-27 02:00:00.000	2016-05-25 00:00:00.000	2016-05-01 00:00:00.000	1	67.2(
11050	FOLKO	8	2016-04-27 03:00:00.000	2016-05-25 00:00:00.000	2016-05-05 00:00:00.000	2	59.4:
11053	PICCO	2	2016-04-27 06:00:00.000	2016-05-25 00:00:00.000	2016-04-29 00:00:00.000	2	53.0!
11051	LAMAI	7	2016-04-27 20:00:00.000	2016-05-25 00:00:00.000	NULL	3	2.7!
11055	HILAA	7	2016-04-28 01:00:00.000	2016-05-26 00:00:00.000	2016-05-05 00:00:00.000	2	120.9:
11054	CACTU	8	2016-04-28 13:00:00.000	2016-05-26 00:00:00.000	NULL	1	0.3:
11056	EASTC	8	2016-04-28 15:00:00.000	2016-05-12 00:00:00.000	2016-05-01 00:00:00.000	2	278.9(
11058	BLAUS	9	2016-04-29 04:00:00.000	2016-05-27 00:00:00.000	NULL	3	31.1
11059	RICAR	2	2016-04-29 05:00:00.000	2016-06-10 00:00:00.000	NULL	2	85.8(
11057	NORTS	3	2016-04-29 20:00:00.000	2016-05-27 00:00:00.000	2016-05-01 00:00:00.000	3	4.1:
11060	FRANS	2	2016-04-30 00:00:00.000	2016-05-28 00:00:00.000	2016-05-04 00:00:00.000	2	10.9(
11061	GREAL	4	2016-04-30 00:00:00.000	2016-06-11 00:00:00.000	NULL	3	14.0:
11062	REGGC	4	2016-04-30 00:00:00.000	2016-05-28 00:00:00.000	NULL	2	29.9:
11063	HUNGO	3	2016-04-30 00:00:00.000	2016-05-28 00:00:00.000	2016-05-06 00:00:00.000	2	81.7:
11064	SAVEA	1	2016-05-01 01:00:00.000	2016-05-29 00:00:00.000	2016-05-04 00:00:00.000	1	30.0!
11066	WHITC	7	2016-05-01 12:00:00.000	2016-05-29 00:00:00.000	2016-05-04 00:00:00.000	2	44.7:
11065	LILAS	8	2016-05-01 15:00:00.000	2016-05-29 00:00:00.000	NULL	1	12.9:
11069	TORTU	1	2016-05-04 12:00:00.000	2016-06-01 00:00:00.000	2016-05-06 00:00:00.000	2	15.6
11068	QUEEN	8	2016-05-04 16:00:00.000	2016-06-01 00:00:00.000	NULL	2	81.7!
11067	DRACD	1	2016-05-04 21:00:00.000	2016-05-18 00:00:00.000	2016-05-06 00:00:00.000	2	7.9(
11071	LILAS	1	2016-05-05 05:00:00.000	2016-06-02 00:00:00.000	NULL	1	0.9:
11070	LEHMS	2	2016-05-05 08:00:00.000	2016-06-02 00:00:00.000	NULL	1	136.0(

11073	PERIC	2	2016-05-05 12:00:00.000	2016-06-02 00:00:00.000	NULL	2	24.9!
11072	ERNSH	4	2016-05-05 15:00:00.000	2016-06-02 00:00:00.000	NULL	2	258.6.
11076	BONAP	4	2016-05-06 00:00:00.000	2016-06-03 00:00:00.000	NULL	2	38.2!
11074	SIMOB	7	2016-05-06 01:00:00.000	2016-06-03 00:00:00.000	NULL	2	18.4.
11077	RATTC	1	2016-05-06 17:00:00.000	2016-06-03 00:00:00.000	NULL	2	8.5:
11075	RICSU	8	2016-05-06 18:00:00.000	2016-06-03 00:00:00.000	NULL	2	6.1!

28.) High freight charges - last year

We're continuing to work on high freight charges. We now want to get the three ship countries with the highest average freight charges. But instead of filtering for a particular year, we want to use the last 12 months of order data, using as the end date the last OrderDate in Orders.

In [45]:

```
Select TOP (3)
ShipCountry
,AverageFreight = Avg(freight)
From Orders
Where
OrderDate >= Dateadd(yy, -1, (Select max(OrderDate) from Orders))
Group by ShipCountry
Order by AverageFreight desc;
```

(3 rows affected)

Total execution time: 00:00:00.027

Out[45]:

ShipCountry	AverageFreight
Ireland	200.2100
Austria	186.4596
USA	119.3032

29.) Inventory list

We're doing inventory, and need to show information like the below, for all orders. Sort by OrderID and Product ID.

In [46]:

```sql
Select
Employees.EmployeeID
,Employees.LastName
,Orders.OrderID
,Products.ProductName
,OrderDetails.Quantity
From Employees
join Orders
on Orders.EmployeeID = Employees.EmployeeID
join OrderDetails
on Orders.OrderID = OrderDetails.OrderID
join Products
on Products.ProductID = OrderDetails.ProductID
Order by
Orders.OrderID
,Products.ProductID
```

(2155 rows affected)

Total execution time: 00:00:00.111

Out[46]:

EmployeeID	LastName	OrderID	ProductName	Quantity
5	Buchanan	10248	Queso Cabrales	12
5	Buchanan	10248	Singaporean Hokkien Fried Mee	10
5	Buchanan	10248	Mozzarella di Giovanni	5
6	Suyama	10249	Tofu	9
6	Suyama	10249	Manjimup Dried Apples	40
4	Peacock	10250	Jack's New England Clam Chowder	10
4	Peacock	10250	Manjimup Dried Apples	35
4	Peacock	10250	Louisiana Fiery Hot Pepper Sauce	15
3	Leverling	10251	Gustaf's Knäckebröd	6
3	Leverling	10251	Ravioli Angelo	15
3	Leverling	10251	Louisiana Fiery Hot Pepper Sauce	20
4	Peacock	10252	Sir Rodney's Marmalade	40
4	Peacock	10252	Geitost	25
4	Peacock	10252	Camembert Pierrot	40
3	Leverling	10253	Gorgonzola Telino	20
3	Leverling	10253	Chartreuse verte	42
3	Leverling	10253	Maxilaku	40
5	Buchanan	10254	Guaraná Fantástica	15
5	Buchanan	10254	Pâté chinois	21
5	Buchanan	10254	Longlife Tofu	21
9	Dodsworth	10255	Chang	20
9	Dodsworth	10255	Pavlova	35
9	Dodsworth	10255	Inlagd Sill	25
9	Dodsworth	10255	Raclette Courdavault	30
3	Leverling	10256	Perth Pasties	15
3	Leverling	10256	Original Frankfurter grüne Soße	12
4	Peacock	10257	Schoggi Schokolade	25
4	Peacock	10257	Chartreuse verte	6
4	Peacock	10257	Original Frankfurter grüne Soße	15
1	Davolio	10258	Chang	50
1	Davolio	10258	Chef Anton's Gumbo Mix	65
1	Davolio	10258	Mascarpone Fabioli	6
4	Peacock	10259	Sir Rodney's Scones	10
4	Peacock	10259	Gravad lax	1
4	Peacock	10260	Jack's New England Clam Chowder	16
4	Peacock	10260	Ravioli Angelo	50
4	Peacock	10260	Tarte au sucre	15

4	Peacock	10260	Outback Lager	21
4	Peacock	10261	Sir Rodney's Scones	20
4	Peacock	10261	Steeleye Stout	20
8	Callahan	10262	Chef Anton's Gumbo Mix	12
8	Callahan	10262	Uncle Bob's Organic Dried Pears	15
8	Callahan	10262	Gnocchi di nonna Alice	2
9	Dodsworth	10263	Pavlova	60
9	Dodsworth	10263	Guaraná Fantástica	65
9	Dodsworth	10263	Nord-Ost Matjeshering	60
9	Dodsworth	10263	Longlife Tofu	65
6	Suyama	10264	Chang	35
6	Suyama	10264	Jack's New England Clam Chowder	25
2	Fuller	10265	Alice Mutton	30
2	Fuller	10265	Outback Lager	20
3	Leverling	10266	Queso Manchego La Pastora	12
4	Peacock	10267	Boston Crab Meat	50
4	Peacock	10267	Raclette Courdavault	70
4	Peacock	10267	Lakkalikööri	15
8	Callahan	10268	Thüringer Rostbratwurst	10
8	Callahan	10268	Mozzarella di Giovanni	4
5	Buchanan	10269	Geitost	60
5	Buchanan	10269	Mozzarella di Giovanni	20
1	Davolio	10270	Inlagd Sill	30
1	Davolio	10270	Ipoh Coffee	25
6	Suyama	10271	Geitost	24
6	Suyama	10272	Sir Rodney's Marmalade	6
6	Suyama	10272	Gorgonzola Telino	40
6	Suyama	10272	Mozzarella di Giovanni	24
3	Leverling	10273	Ikura	24
3	Leverling	10273	Gorgonzola Telino	15
3	Leverling	10273	Geitost	20
3	Leverling	10273	Boston Crab Meat	60
3	Leverling	10273	Lakkalikööri	33
6	Suyama	10274	Flotemysost	20
6	Suyama	10274	Mozzarella di Giovanni	7
1	Davolio	10275	Guaraná Fantástica	12
1	Davolio	10275	Raclette Courdavault	6
8	Callahan	10276	Ikura	15
8	Callahan	10276	Konbu	10
2	Fuller	10277	Rössle Sauerkraut	20

2	Fuller	10277	Tarte au sucre	12
8	Callahan	10278	Gula Malacca	16
8	Callahan	10278	Raclette Courdavault	15
8	Callahan	10278	Vegie-spread	8
8	Callahan	10278	Röd Kaviar	25
8	Callahan	10279	Alice Mutton	15
2	Fuller	10280	Guaraná Fantástica	12
2	Fuller	10280	Pâté chinois	20
2	Fuller	10280	Rhönbräu Klosterbier	30
4	Peacock	10281	Teatime Chocolate Biscuits	1
4	Peacock	10281	Guaraná Fantástica	6
4	Peacock	10281	Steeleye Stout	4
4	Peacock	10282	Nord-Ost Matjeshering	6
4	Peacock	10282	Ravioli Angelo	2
3	Leverling	10283	Genen Shouyu	20
3	Leverling	10283	Teatime Chocolate Biscuits	18
3	Leverling	10283	Camembert Pierrot	35
3	Leverling	10283	Mozzarella di Giovanni	3
4	Peacock	10284	Schoggi Schokolade	15
4	Peacock	10284	Gula Malacca	21
4	Peacock	10284	Camembert Pierrot	20
4	Peacock	10284	Laughing Lumberjack Lager	5
1	Davolio	10285	Chai	45
1	Davolio	10285	Boston Crab Meat	40
1	Davolio	10285	Perth Pasties	36
8	Callahan	10286	Steeleye Stout	100
8	Callahan	10286	Tarte au sucre	40
8	Callahan	10287	Pavlova	40
8	Callahan	10287	Sasquatch Ale	20
8	Callahan	10287	Spegesild	15
4	Peacock	10288	Tourtière	10
4	Peacock	10288	Scottish Longbreads	3
7	King	10289	Aniseed Syrup	30
7	King	10289	Wimmers gute Semmelknödel	9
8	Callahan	10290	Chef Anton's Gumbo Mix	20
8	Callahan	10290	Thüringer Rostbratwurst	15
8	Callahan	10290	Maxilaku	15
8	Callahan	10290	Original Frankfurter grüne Soße	10
6	Suyama	10291	Konbu	20
6	Suyama	10291	Gula Malacca	24

6	Suyama	10291	Manjimup Dried Apples	2
1	Davolio	10292	Sir Rodney's Marmalade	20
1	Davolio	10293	Carnarvon Tigers	12
1	Davolio	10293	Guaraná Fantástica	10
1	Davolio	10293	Vegie-spread	5
1	Davolio	10293	Rhönbräu Klosterbier	6
4	Peacock	10294	Chai	18
4	Peacock	10294	Alice Mutton	15
4	Peacock	10294	Ipoh Coffee	15
4	Peacock	10294	Camembert Pierrot	21
4	Peacock	10294	Rhönbräu Klosterbier	6
2	Fuller	10295	Gnocchi di nonna Alice	4
6	Suyama	10296	Queso Cabrales	12
6	Suyama	10296	Pavlova	30
6	Suyama	10296	Gudbrandsdalsost	15
5	Buchanan	10297	Chartreuse verte	60
5	Buchanan	10297	Mozzarella di Giovanni	20
6	Suyama	10298	Chang	40
6	Suyama	10298	Inlagd Sill	40
6	Suyama	10298	Raclette Courdavault	30
6	Suyama	10298	Tarte au sucre	15
4	Peacock	10299	Teatime Chocolate Biscuits	15
4	Peacock	10299	Outback Lager	20
2	Fuller	10300	Louisiana Hot Spiced Okra	30
2	Fuller	10300	Scottish Longbreads	20
8	Callahan	10301	Boston Crab Meat	10
8	Callahan	10301	Gnocchi di nonna Alice	20
4	Peacock	10302	Alice Mutton	40
4	Peacock	10302	Rössle Sauerkraut	28
4	Peacock	10302	Ipoh Coffee	12
7	King	10303	Boston Crab Meat	40
7	King	10303	Louisiana Fiery Hot Pepper Sauce	30
7	King	10303	Scottish Longbreads	15
1	Davolio	10304	Maxilaku	30
1	Davolio	10304	Raclette Courdavault	10
1	Davolio	10304	Flotemysost	2
8	Callahan	10305	Carnarvon Tigers	25
8	Callahan	10305	Thüringer Rostbratwurst	25
8	Callahan	10305	Chartreuse verte	30
1	Davolio	10306	Nord-Ost Matjeshering	10

1	Davolio	10306	Perth Pasties	10
1	Davolio	10306	Tourtière	5
2	Fuller	10307	Tarte au sucre	10
2	Fuller	10307	Scottish Longbreads	3
7	King	10308	Gudbrandsdalsost	1
7	King	10308	Outback Lager	5
3	Leverling	10309	Chef Anton's Cajun Seasoning	20
3	Leverling	10309	Grandma's Boysenberry Spread	30
3	Leverling	10309	Singaporean Hokkien Fried Mee	2
3	Leverling	10309	Ipoh Coffee	20
3	Leverling	10309	Flotemysost	3
8	Callahan	10310	Pavlova	10
8	Callahan	10310	Tarte au sucre	5
1	Davolio	10311	Singaporean Hokkien Fried Mee	6
1	Davolio	10311	Gudbrandsdalsost	7
2	Fuller	10312	Rössle Sauerkraut	4
2	Fuller	10312	Ipoh Coffee	24
2	Fuller	10312	Perth Pasties	20
2	Fuller	10312	Rhönbräu Klosterbier	10
2	Fuller	10313	Inlagd Sill	12
1	Davolio	10314	Mascarpone Fabioli	40
1	Davolio	10314	Escargots de Bourgogne	30
1	Davolio	10314	Tarte au sucre	25
4	Peacock	10315	Sasquatch Ale	14
4	Peacock	10315	Outback Lager	30
1	Davolio	10316	Jack's New England Clam Chowder	10
1	Davolio	10316	Tarte au sucre	70
6	Suyama	10317	Chai	20
8	Callahan	10318	Jack's New England Clam Chowder	20
8	Callahan	10318	Lakkalikööri	6
7	King	10319	Alice Mutton	8
7	King	10319	Rössle Sauerkraut	14
7	King	10319	Lakkalikööri	30
5	Buchanan	10320	Flotemysost	30
3	Leverling	10321	Steeleye Stout	10
7	King	10322	Filo Mix	20
4	Peacock	10323	Genen Shouyu	5
4	Peacock	10323	NuNuCa Nuß-Nougat-Creme	4
4	Peacock	10323	Chartreuse verte	4
9	Dodsworth	10324	Pavlova	21

9	Dodsworth	10324	Steeleye Stout	70
9	Dodsworth	10324	Spegesild	30
9	Dodsworth	10324	Raclette Courdavault	40
9	Dodsworth	10324	Vegie-spread	80
1	Davolio	10325	Grandma's Boysenberry Spread	6
1	Davolio	10325	Konbu	12
1	Davolio	10325	Tofu	9
1	Davolio	10325	Gorgonzola Telino	4
1	Davolio	10325	Mozzarella di Giovanni	40
4	Peacock	10326	Chef Anton's Cajun Seasoning	24
4	Peacock	10326	Ravioli Angelo	16
4	Peacock	10326	Rhönbräu Klosterbier	50
2	Fuller	10327	Chang	25
2	Fuller	10327	Queso Cabrales	50
2	Fuller	10327	Nord-Ost Matjeshering	35
2	Fuller	10327	Escargots de Bourgogne	30
4	Peacock	10328	Raclette Courdavault	9
4	Peacock	10328	Louisiana Fiery Hot Pepper Sauce	40
4	Peacock	10328	Scottish Longbreads	10
4	Peacock	10329	Teatime Chocolate Biscuits	10
4	Peacock	10329	Nord-Ost Matjeshering	8
4	Peacock	10329	Côte de Blaye	20
4	Peacock	10329	Gnocchi di nonna Alice	12
3	Leverling	10330	Gumbär Gummibärchen	50
3	Leverling	10330	Mozzarella di Giovanni	25
9	Dodsworth	10331	Tourtière	15
3	Leverling	10332	Carnarvon Tigers	40
3	Leverling	10332	Singaporean Hokkien Fried Mee	10
3	Leverling	10332	Zaanse koeken	16
5	Buchanan	10333	Tofu	10
5	Buchanan	10333	Sir Rodney's Scones	10
5	Buchanan	10333	Flotemysost	40
8	Callahan	10334	Filo Mix	8
8	Callahan	10334	Scottish Longbreads	10
7	King	10335	Chang	7
7	King	10335	Gorgonzola Telino	25
7	King	10335	Mascarpone Fabioli	6
7	King	10335	Manjimup Dried Apples	48
7	King	10336	Chef Anton's Cajun Seasoning	18
4	Peacock	10337	Tunnbröd	40

4	Peacock	10337	Gumbär Gummibärchen	24
4	Peacock	10337	Inlagd Sill	20
4	Peacock	10337	Gravad lax	28
4	Peacock	10337	Mozzarella di Giovanni	25
4	Peacock	10338	Alice Mutton	20
4	Peacock	10338	Nord-Ost Matjeshering	15
2	Fuller	10339	Chef Anton's Cajun Seasoning	10
2	Fuller	10339	Alice Mutton	70
2	Fuller	10339	Tarte au sucre	28
1	Davolio	10340	Carnarvon Tigers	20
1	Davolio	10340	Jack's New England Clam Chowder	12
1	Davolio	10340	Ipoh Coffee	40
7	King	10341	Geitost	8
7	King	10341	Raclette Courdavault	9
4	Peacock	10342	Chang	24
4	Peacock	10342	Gorgonzola Telino	56
4	Peacock	10342	Inlagd Sill	40
4	Peacock	10342	Pâté chinois	40
4	Peacock	10343	Wimmers gute Semmelknödel	50
4	Peacock	10343	Scottish Longbreads	4
4	Peacock	10343	Lakkalikööri	15
4	Peacock	10344	Chef Anton's Cajun Seasoning	35
4	Peacock	10344	Northwoods Cranberry Sauce	70
2	Fuller	10345	Northwoods Cranberry Sauce	70
2	Fuller	10345	Teatime Chocolate Biscuits	80
2	Fuller	10345	Singaporean Hokkien Fried Mee	9
3	Leverling	10346	Alice Mutton	36
3	Leverling	10346	Gnocchi di nonna Alice	20
4	Peacock	10347	NuNuCa Nuß-Nougat-Creme	10
4	Peacock	10347	Chartreuse verte	50
4	Peacock	10347	Boston Crab Meat	4
4	Peacock	10347	Rhönbräu Klosterbier	6
4	Peacock	10348	Chai	15
4	Peacock	10348	Tunnbröd	25
7	King	10349	Tourtière	24
6	Suyama	10350	Valkoinen suklaa	15
6	Suyama	10350	Gudbrandsdalsost	18
1	Davolio	10351	Côte de Blaye	20
1	Davolio	10351	Jack's New England Clam Chowder	13
1	Davolio	10351	Gula Malacca	77

1	Davolio	10351	Louisiana Fiery Hot Pepper Sauce	10
3	Leverling	10352	Guaraná Fantástica	10
3	Leverling	10352	Tourtière	20
7	King	10353	Queso Cabrales	12
7	King	10353	Côte de Blaye	50
8	Callahan	10354	Chai	12
8	Callahan	10354	Thüringer Rostbratwurst	4
6	Suyama	10355	Guaraná Fantástica	25
6	Suyama	10355	Ravioli Angelo	25
6	Suyama	10356	Gorgonzola Telino	30
6	Suyama	10356	Pâté chinois	12
6	Suyama	10356	Gudbrandsdalsost	20
1	Davolio	10357	Ikura	30
1	Davolio	10357	Gumbär Gummibärchen	16
1	Davolio	10357	Camembert Pierrot	8
5	Buchanan	10358	Guaraná Fantástica	10
5	Buchanan	10358	Sasquatch Ale	10
5	Buchanan	10358	Inlagd Sill	20
5	Buchanan	10359	Pavlova	56
5	Buchanan	10359	Gorgonzola Telino	70
5	Buchanan	10359	Camembert Pierrot	80
4	Peacock	10360	Rössle Sauerkraut	30
4	Peacock	10360	Thüringer Rostbratwurst	35
4	Peacock	10360	Côte de Blaye	10
4	Peacock	10360	Maxilaku	35
4	Peacock	10360	Tourtière	28
1	Davolio	10361	Chartreuse verte	54
1	Davolio	10361	Camembert Pierrot	55
3	Leverling	10362	NuNuCa Nuß-Nougat-Creme	50
3	Leverling	10362	Manjimup Dried Apples	20
3	Leverling	10362	Tourtière	24
4	Peacock	10363	Gorgonzola Telino	20
4	Peacock	10363	Rhönbräu Klosterbier	12
4	Peacock	10363	Lakkalikööri	12
1	Davolio	10364	Gudbrandsdalsost	30
1	Davolio	10364	Flotemysost	5
3	Leverling	10365	Queso Cabrales	24
8	Callahan	10366	Louisiana Fiery Hot Pepper Sauce	5
8	Callahan	10366	Original Frankfurter grüne Soße	5
7	King	10367	Sasquatch Ale	36

7	King	10367	Tourtière	18
7	King	10367	Louisiana Fiery Hot Pepper Sauce	15
7	King	10367	Original Frankfurter grüne Soße	7
2	Fuller	10368	Sir Rodney's Scones	5
2	Fuller	10368	Rössle Sauerkraut	13
2	Fuller	10368	Ravioli Angelo	25
2	Fuller	10368	Wimmers gute Semmelknödel	35
8	Callahan	10369	Thüringer Rostbratwurst	20
8	Callahan	10369	Gnocchi di nonna Alice	18
6	Suyama	10370	Chai	15
6	Suyama	10370	Wimmers gute Semmelknödel	30
6	Suyama	10370	Longlife Tofu	20
1	Davolio	10371	Inlagd Sill	6
5	Buchanan	10372	Sir Rodney's Marmalade	12
5	Buchanan	10372	Côte de Blaye	40
5	Buchanan	10372	Camembert Pierrot	70
5	Buchanan	10372	Mozzarella di Giovanni	42
4	Peacock	10373	Escargots de Bourgogne	80
4	Peacock	10373	Flotemysost	50
1	Davolio	10374	Gorgonzola Telino	30
1	Davolio	10374	Escargots de Bourgogne	15
3	Leverling	10375	Tofu	15
3	Leverling	10375	Tourtière	10
1	Davolio	10376	Gorgonzola Telino	42
1	Davolio	10377	Rössle Sauerkraut	20
1	Davolio	10377	Chartreuse verte	20
5	Buchanan	10378	Flotemysost	6
2	Fuller	10379	Jack's New England Clam Chowder	8
2	Fuller	10379	Vegie-spread	16
2	Fuller	10379	Louisiana Fiery Hot Pepper Sauce	20
8	Callahan	10380	Nord-Ost Matjeshering	18
8	Callahan	10380	Perth Pasties	20
8	Callahan	10380	Camembert Pierrot	6
8	Callahan	10380	Outback Lager	30
3	Leverling	10381	Longlife Tofu	14
4	Peacock	10382	Chef Anton's Gumbo Mix	32
4	Peacock	10382	Carnarvon Tigers	9
4	Peacock	10382	Thüringer Rostbratwurst	14
4	Peacock	10382	Geitost	60
4	Peacock	10382	Longlife Tofu	50

8	Callahan	10383	Konbu	20
8	Callahan	10383	Valkoinen suklaa	15
8	Callahan	10383	Gnocchi di nonna Alice	20
3	Leverling	10384	Sir Rodney's Marmalade	28
3	Leverling	10384	Camembert Pierrot	15
1	Davolio	10385	Uncle Bob's Organic Dried Pears	10
1	Davolio	10385	Camembert Pierrot	20
1	Davolio	10385	Scottish Longbreads	8
9	Dodsworth	10386	Guaraná Fantástica	15
9	Dodsworth	10386	Sasquatch Ale	10
1	Davolio	10387	Guaraná Fantástica	15
1	Davolio	10387	Rössle Sauerkraut	6
1	Davolio	10387	Raclette Courdavault	12
1	Davolio	10387	Flotemysost	15
2	Fuller	10388	Rogede sild	15
2	Fuller	10388	Filo Mix	20
2	Fuller	10388	Perth Pasties	40
4	Peacock	10389	Ikura	16
4	Peacock	10389	Pâté chinois	15
4	Peacock	10389	Tarte au sucre	20
4	Peacock	10389	Outback Lager	30
6	Suyama	10390	Gorgonzola Telino	60
6	Suyama	10390	Steeleye Stout	40
6	Suyama	10390	Spegesild	45
6	Suyama	10390	Mozzarella di Giovanni	24
3	Leverling	10391	Konbu	18
2	Fuller	10392	Gudbrandsdalsost	50
1	Davolio	10393	Chang	25
1	Davolio	10393	Tofu	42
1	Davolio	10393	NuNuCa Nuß-Nougat-Creme	7
1	Davolio	10393	Gumbär Gummibärchen	70
1	Davolio	10393	Gorgonzola Telino	32
1	Davolio	10394	Konbu	10
1	Davolio	10394	Tarte au sucre	10
6	Suyama	10395	Spegesild	28
6	Suyama	10395	Perth Pasties	70
6	Suyama	10395	Gudbrandsdalsost	8
1	Davolio	10396	Tunnbröd	40
1	Davolio	10396	Flotemysost	60
1	Davolio	10396	Mozzarella di Giovanni	21

5	Buchanan	10397	Sir Rodney's Scones	10
5	Buchanan	10397	Manjimup Dried Apples	18
2	Fuller	10398	Steeleye Stout	30
2	Fuller	10398	Pâté chinois	120
8	Callahan	10399	Scottish Longbreads	60
8	Callahan	10399	Flotemysost	30
8	Callahan	10399	Lakkalikööri	35
8	Callahan	10399	Original Frankfurter grüne Soße	14
1	Davolio	10400	Thüringer Rostbratwurst	21
1	Davolio	10400	Steeleye Stout	35
1	Davolio	10400	Maxilaku	30
1	Davolio	10401	Nord-Ost Matjeshering	18
1	Davolio	10401	Gnocchi di nonna Alice	70
1	Davolio	10401	Louisiana Fiery Hot Pepper Sauce	20
1	Davolio	10401	Flotemysost	60
8	Callahan	10402	Tunnbröd	60
8	Callahan	10402	Vegie-spread	65
4	Peacock	10403	Pavlova	21
4	Peacock	10403	Chocolade	70
2	Fuller	10404	Gumbär Gummibärchen	30
2	Fuller	10404	Singaporean Hokkien Fried Mee	40
2	Fuller	10404	Maxilaku	30
1	Davolio	10405	Aniseed Syrup	50
7	King	10406	Chai	10
7	King	10406	Sir Rodney's Scones	30
7	King	10406	Rössle Sauerkraut	42
7	King	10406	Inlagd Sill	5
7	King	10406	Boston Crab Meat	2
2	Fuller	10407	Queso Cabrales	30
2	Fuller	10407	Gudbrandsdalsost	15
2	Fuller	10407	Flotemysost	15
8	Callahan	10408	Gravad lax	10
8	Callahan	10408	Tourtière	6
8	Callahan	10408	Tarte au sucre	35
3	Leverling	10409	Tofu	12
3	Leverling	10409	Sir Rodney's Scones	12
3	Leverling	10410	Geitost	49
3	Leverling	10410	Raclette Courdavault	16
9	Dodsworth	10411	Jack's New England Clam Chowder	25
9	Dodsworth	10411	Gula Malacca	40

9	Dodsworth	10411	Raclette Courdavault	9
8	Callahan	10412	Tofu	20
3	Leverling	10413	Chai	24
3	Leverling	10413	Tarte au sucre	40
3	Leverling	10413	Lakkalikööri	14
2	Fuller	10414	Teatime Chocolate Biscuits	18
2	Fuller	10414	Geitost	50
3	Leverling	10415	Alice Mutton	2
3	Leverling	10415	Geitost	20
8	Callahan	10416	Teatime Chocolate Biscuits	20
8	Callahan	10416	Perth Pasties	10
8	Callahan	10416	Ravioli Angelo	20
4	Peacock	10417	Côte de Blaye	50
4	Peacock	10417	Spegesild	2
4	Peacock	10417	Scottish Longbreads	36
4	Peacock	10417	Original Frankfurter grüne Soße	35
4	Peacock	10418	Chang	60
4	Peacock	10418	Zaanse koeken	55
4	Peacock	10418	Sirop d'érable	16
4	Peacock	10418	Longlife Tofu	15
4	Peacock	10419	Camembert Pierrot	60
4	Peacock	10419	Gudbrandsdalsost	20
3	Leverling	10420	Mishi Kobe Niku	20
3	Leverling	10420	Konbu	2
3	Leverling	10420	Outback Lager	8
3	Leverling	10420	Röd Kaviar	20
8	Callahan	10421	Teatime Chocolate Biscuits	4
8	Callahan	10421	Gumbär Gummibärchen	30
8	Callahan	10421	Perth Pasties	15
8	Callahan	10421	Original Frankfurter grüne Soße	10
2	Fuller	10422	Gumbär Gummibärchen	2
6	Suyama	10423	Gorgonzola Telino	14
6	Suyama	10423	Raclette Courdavault	20
7	King	10424	Steeleye Stout	60
7	King	10424	Côte de Blaye	49
7	King	10424	Scottish Longbreads	30
6	Suyama	10425	Pâté chinois	10
6	Suyama	10425	Lakkalikööri	20
4	Peacock	10426	Gnocchi di nonna Alice	5
4	Peacock	10426	Wimmers gute Semmelknödel	7

4	Peacock	10427	Tofu	35
7	King	10428	Spegesild	20
3	Leverling	10429	Valkoinen suklaa	40
3	Leverling	10429	Vegie-spread	35
4	Peacock	10430	Alice Mutton	45
4	Peacock	10430	Sir Rodney's Scones	50
4	Peacock	10430	Gnocchi di nonna Alice	30
4	Peacock	10430	Raclette Courdavault	70
4	Peacock	10431	Alice Mutton	50
4	Peacock	10431	Boston Crab Meat	50
4	Peacock	10431	Zaanse koeken	30
3	Leverling	10432	Gumbär Gummibärchen	10
3	Leverling	10432	Tourtière	40
3	Leverling	10433	Gnocchi di nonna Alice	28
3	Leverling	10434	Queso Cabrales	6
3	Leverling	10434	Lakkalikööri	18
8	Callahan	10435	Chang	10
8	Callahan	10435	Gustaf's Knäckebröd	12
8	Callahan	10435	Mozzarella di Giovanni	10
3	Leverling	10436	Spegesild	5
3	Leverling	10436	Gnocchi di nonna Alice	40
3	Leverling	10436	Wimmers gute Semmelknödel	30
3	Leverling	10436	Rhönbräu Klosterbier	24
8	Callahan	10437	Perth Pasties	15
3	Leverling	10438	Teatime Chocolate Biscuits	15
3	Leverling	10438	Sasquatch Ale	20
3	Leverling	10438	Ravioli Angelo	15
6	Suyama	10439	Queso Manchego La Pastora	15
6	Suyama	10439	Pavlova	16
6	Suyama	10439	Wimmers gute Semmelknödel	6
6	Suyama	10439	Longlife Tofu	30
4	Peacock	10440	Chang	45
4	Peacock	10440	Pavlova	49
4	Peacock	10440	Thüringer Rostbratwurst	24
4	Peacock	10440	Sirop d'érable	90
3	Leverling	10441	Schoggi Schokolade	50
3	Leverling	10442	Queso Cabrales	30
3	Leverling	10442	Tourtière	80
3	Leverling	10442	Louisiana Hot Spiced Okra	60
8	Callahan	10443	Queso Cabrales	6

8	Callahan	10443	Rössle Sauerkraut	12
3	Leverling	10444	Alice Mutton	10
3	Leverling	10444	Gumbär Gummibärchen	15
3	Leverling	10444	Steeleye Stout	8
3	Leverling	10444	Jack's New England Clam Chowder	30
3	Leverling	10445	Chartreuse verte	6
3	Leverling	10445	Tourtière	15
6	Suyama	10446	Teatime Chocolate Biscuits	12
6	Suyama	10446	Guaraná Fantástica	20
6	Suyama	10446	Gorgonzola Telino	3
6	Suyama	10446	Filo Mix	15
4	Peacock	10447	Teatime Chocolate Biscuits	40
4	Peacock	10447	Louisiana Fiery Hot Pepper Sauce	35
4	Peacock	10447	Flotemysost	2
4	Peacock	10448	Gumbär Gummibärchen	6
4	Peacock	10448	Boston Crab Meat	20
3	Leverling	10449	Ikura	14
3	Leverling	10449	Filo Mix	20
3	Leverling	10449	Tarte au sucre	35
8	Callahan	10450	Ikura	20
8	Callahan	10450	Tourtière	6
4	Peacock	10451	Pâté chinois	120
4	Peacock	10451	Wimmers gute Semmelknödel	35
4	Peacock	10451	Louisiana Fiery Hot Pepper Sauce	28
4	Peacock	10451	Original Frankfurter grüne Soße	55
8	Callahan	10452	Rössle Sauerkraut	15
8	Callahan	10452	Gula Malacca	100
1	Davolio	10453	Chocolade	15
1	Davolio	10453	Outback Lager	25
4	Peacock	10454	Pavlova	20
4	Peacock	10454	Geitost	20
4	Peacock	10454	Spegesild	10
8	Callahan	10455	Chartreuse verte	20
8	Callahan	10455	Perth Pasties	50
8	Callahan	10455	Sirop d'érable	25
8	Callahan	10455	Flotemysost	30
8	Callahan	10456	Sir Rodney's Scones	40
8	Callahan	10456	Maxilaku	21
2	Fuller	10457	Raclette Courdavault	36
7	King	10458	Gumbär Gummibärchen	30

7	King	10458	Rössle Sauerkraut	30
7	King	10458	Ipoh Coffee	20
7	King	10458	Gnocchi di nonna Alice	15
7	King	10458	Flotemysost	50
4	Peacock	10459	Uncle Bob's Organic Dried Pears	16
4	Peacock	10459	Spegesild	20
4	Peacock	10459	Mozzarella di Giovanni	40
8	Callahan	10460	Scottish Longbreads	21
8	Callahan	10460	Rhönbräu Klosterbier	4
1	Davolio	10461	Sir Rodney's Scones	40
1	Davolio	10461	Nord-Ost Matjeshering	28
1	Davolio	10461	Pâté chinois	60
2	Fuller	10462	Konbu	1
2	Fuller	10462	Tunnbröd	21
5	Buchanan	10463	Teatime Chocolate Biscuits	21
5	Buchanan	10463	Singaporean Hokkien Fried Mee	50
4	Peacock	10464	Chef Anton's Cajun Seasoning	16
4	Peacock	10464	Ipoh Coffee	3
4	Peacock	10464	Gnocchi di nonna Alice	30
4	Peacock	10464	Camembert Pierrot	20
1	Davolio	10465	Guaraná Fantástica	25
1	Davolio	10465	Thüringer Rostbratwurst	18
1	Davolio	10465	Boston Crab Meat	20
1	Davolio	10465	Rogede sild	30
1	Davolio	10465	Valkoinen suklaa	25
4	Peacock	10466	Queso Cabrales	10
4	Peacock	10466	Spegesild	5
8	Callahan	10467	Guaraná Fantástica	28
8	Callahan	10467	NuNuCa Nuß-Nougat-Creme	12
3	Leverling	10468	Nord-Ost Matjeshering	8
3	Leverling	10468	Ipoh Coffee	15
1	Davolio	10469	Chang	40
1	Davolio	10469	Pavlova	35
1	Davolio	10469	Gula Malacca	2
4	Peacock	10470	Carnarvon Tigers	30
4	Peacock	10470	Tunnbröd	15
4	Peacock	10470	Wimmers gute Semmelknödel	8
2	Fuller	10471	Uncle Bob's Organic Dried Pears	30
2	Fuller	10471	Gnocchi di nonna Alice	20
8	Callahan	10472	Guaraná Fantástica	80

8	Callahan	10472	Manjimup Dried Apples	18
1	Davolio	10473	Geitost	12
1	Davolio	10473	Flotemysost	12
5	Buchanan	10474	Tofu	12
5	Buchanan	10474	Rössle Sauerkraut	18
5	Buchanan	10474	Boston Crab Meat	21
5	Buchanan	10474	Rhönbräu Klosterbier	10
9	Dodsworth	10475	Gorgonzola Telino	35
9	Dodsworth	10475	Louisiana Hot Spiced Okra	60
9	Dodsworth	10475	Lakkalikööri	42
8	Callahan	10476	Pâté chinois	2
8	Callahan	10476	Outback Lager	12
5	Buchanan	10477	Chai	15
5	Buchanan	10477	Sir Rodney's Scones	21
5	Buchanan	10477	Chartreuse verte	20
2	Fuller	10478	Ikura	20
3	Leverling	10479	Côte de Blaye	30
3	Leverling	10479	Perth Pasties	28
3	Leverling	10479	Raclette Courdavault	60
3	Leverling	10479	Wimmers gute Semmelknödel	30
6	Suyama	10480	Zaanse koeken	30
6	Suyama	10480	Raclette Courdavault	12
8	Callahan	10481	Maxilaku	24
8	Callahan	10481	Camembert Pierrot	40
1	Davolio	10482	Boston Crab Meat	10
7	King	10483	Sasquatch Ale	35
7	King	10483	Original Frankfurter grüne Soße	30
3	Leverling	10484	Sir Rodney's Scones	14
3	Leverling	10484	Boston Crab Meat	10
3	Leverling	10484	Manjimup Dried Apples	3
4	Peacock	10485	Chang	20
4	Peacock	10485	Aniseed Syrup	20
4	Peacock	10485	Pâté chinois	30
4	Peacock	10485	Outback Lager	60
1	Davolio	10486	Queso Cabrales	5
1	Davolio	10486	Manjimup Dried Apples	25
1	Davolio	10486	Longlife Tofu	16
2	Fuller	10487	Teatime Chocolate Biscuits	5
2	Fuller	10487	Gumbär Gummibärchen	30
2	Fuller	10487	Tourtière	24

8	Callahan	10488	Raclette Courdavault	30
8	Callahan	10488	Röd Kaviar	20
6	Suyama	10489	Queso Cabrales	15
6	Suyama	10489	Pavlova	18
7	King	10490	Raclette Courdavault	60
7	King	10490	Scottish Longbreads	30
7	King	10490	Rhönbräu Klosterbier	36
8	Callahan	10491	Gula Malacca	15
8	Callahan	10491	Original Frankfurter grüne Soße	7
3	Leverling	10492	NuNuCa Nuß-Nougat-Creme	60
3	Leverling	10492	Singaporean Hokkien Fried Mee	20
4	Peacock	10493	Louisiana Fiery Hot Pepper Sauce	15
4	Peacock	10493	Louisiana Hot Spiced Okra	10
4	Peacock	10493	Gudbrandsdalsost	10
4	Peacock	10494	Gnocchi di nonna Alice	30
3	Leverling	10495	Tunnbröd	10
3	Leverling	10495	Jack's New England Clam Chowder	20
3	Leverling	10495	Original Frankfurter grüne Soße	5
7	King	10496	Gorgonzola Telino	20
7	King	10497	Gnocchi di nonna Alice	14
7	King	10497	Mozzarella di Giovanni	25
7	King	10497	Original Frankfurter grüne Soße	25
8	Callahan	10498	Guaraná Fantástica	14
8	Callahan	10498	Boston Crab Meat	5
8	Callahan	10498	Singaporean Hokkien Fried Mee	30
4	Peacock	10499	Rössle Sauerkraut	20
4	Peacock	10499	Maxilaku	25
6	Suyama	10500	Genen Shouyu	12
6	Suyama	10500	Rössle Sauerkraut	8
9	Dodsworth	10501	Tourtière	20
2	Fuller	10502	Rogede sild	21
2	Fuller	10502	Perth Pasties	6
2	Fuller	10502	Laughing Lumberjack Lager	30
6	Suyama	10503	Tofu	70
6	Suyama	10503	Louisiana Fiery Hot Pepper Sauce	20
4	Peacock	10504	Chang	12
4	Peacock	10504	Sir Rodney's Scones	12
4	Peacock	10504	Perth Pasties	10
4	Peacock	10504	Sirop d'érable	25
3	Leverling	10505	Tarte au sucre	3

9	Dodsworth	10506	NuNuCa Nuß-Nougat-Creme	18
9	Dodsworth	10506	Outback Lager	14
7	King	10507	Ipoh Coffee	15
7	King	10507	Chocolade	15
1	Davolio	10508	Konbu	10
1	Davolio	10508	Chartreuse verte	10
4	Peacock	10509	Rössle Sauerkraut	3
6	Suyama	10510	Thüringer Rostbratwurst	36
6	Suyama	10510	Rhönbräu Klosterbier	36
4	Peacock	10511	Chef Anton's Cajun Seasoning	50
4	Peacock	10511	Uncle Bob's Organic Dried Pears	50
4	Peacock	10511	Northwoods Cranberry Sauce	10
7	King	10512	Guaraná Fantástica	10
7	King	10512	Spegesild	9
7	King	10512	Zaanse koeken	6
7	King	10512	Camembert Pierrot	12
7	King	10513	Sir Rodney's Scones	40
7	King	10513	Mascarpone Fabioli	50
7	King	10513	Sirop d'érable	15
3	Leverling	10514	Sir Rodney's Marmalade	39
3	Leverling	10514	Rössle Sauerkraut	35
3	Leverling	10514	Gnocchi di nonna Alice	70
3	Leverling	10514	Louisiana Fiery Hot Pepper Sauce	39
3	Leverling	10514	Rhönbräu Klosterbier	50
2	Fuller	10515	Mishi Kobe Niku	16
2	Fuller	10515	Pavlova	50
2	Fuller	10515	Schoggi Schokolade	120
2	Fuller	10515	Geitost	16
2	Fuller	10515	Camembert Pierrot	84
2	Fuller	10516	Carnarvon Tigers	25
2	Fuller	10516	Jack's New England Clam Chowder	80
2	Fuller	10516	Singaporean Hokkien Fried Mee	20
3	Leverling	10517	Filo Mix	6
3	Leverling	10517	Raclette Courdavault	4
3	Leverling	10517	Outback Lager	6
4	Peacock	10518	Guaraná Fantástica	5
4	Peacock	10518	Côte de Blaye	15
4	Peacock	10518	Gula Malacca	9
6	Suyama	10519	Ikura	16
6	Suyama	10519	Gnocchi di nonna Alice	40

6	Suyama	10519	Camembert Pierrot	10
7	King	10520	Guaraná Fantástica	8
7	King	10520	Perth Pasties	5
8	Callahan	10521	Steeleye Stout	3
8	Callahan	10521	Jack's New England Clam Chowder	10
8	Callahan	10521	Scottish Longbreads	6
4	Peacock	10522	Chai	40
4	Peacock	10522	Northwoods Cranberry Sauce	24
4	Peacock	10522	Nord-Ost Matjeshering	20
4	Peacock	10522	Boston Crab Meat	25
7	King	10523	Alice Mutton	25
7	King	10523	Sir Rodney's Marmalade	15
7	King	10523	Gravad lax	18
7	King	10523	Jack's New England Clam Chowder	6
1	Davolio	10524	Ikura	2
1	Davolio	10524	Nord-Ost Matjeshering	10
1	Davolio	10524	Ipoh Coffee	60
1	Davolio	10524	Tourtière	15
1	Davolio	10525	Inlagd Sill	30
1	Davolio	10525	Boston Crab Meat	15
4	Peacock	10526	Chai	8
4	Peacock	10526	Konbu	10
4	Peacock	10526	Gnocchi di nonna Alice	30
7	King	10527	Chef Anton's Cajun Seasoning	50
7	King	10527	Inlagd Sill	30
6	Suyama	10528	Queso Cabrales	3
6	Suyama	10528	Geitost	8
6	Suyama	10528	Mozzarella di Giovanni	9
5	Buchanan	10529	Pâté chinois	14
5	Buchanan	10529	Scottish Longbreads	20
5	Buchanan	10529	Gudbrandsdalsost	10
3	Leverling	10530	Alice Mutton	40
3	Leverling	10530	Ipoh Coffee	25
3	Leverling	10530	Sirop d'érable	20
3	Leverling	10530	Lakkalikööri	50
7	King	10531	Raclette Courdavault	2
7	King	10532	Nord-Ost Matjeshering	15
7	King	10532	Louisiana Hot Spiced Okra	24
8	Callahan	10533	Chef Anton's Cajun Seasoning	50
8	Callahan	10533	Mozzarella di Giovanni	24

8	Callahan	10533	Röd Kaviar	24
8	Callahan	10534	Nord-Ost Matjeshering	10
8	Callahan	10534	Boston Crab Meat	10
8	Callahan	10534	Tourtière	10
4	Peacock	10535	Queso Cabrales	50
4	Peacock	10535	Boston Crab Meat	10
4	Peacock	10535	Ravioli Angelo	5
4	Peacock	10535	Raclette Courdavault	15
3	Leverling	10536	Queso Manchego La Pastora	15
3	Leverling	10536	Gorgonzola Telino	20
3	Leverling	10536	Geitost	30
3	Leverling	10536	Camembert Pierrot	35
1	Davolio	10537	Gorgonzola Telino	30
1	Davolio	10537	Manjimup Dried Apples	6
1	Davolio	10537	Escargots de Bourgogne	20
1	Davolio	10537	Mozzarella di Giovanni	21
1	Davolio	10537	Röd Kaviar	9
9	Dodsworth	10538	Outback Lager	7
9	Dodsworth	10538	Mozzarella di Giovanni	1
6	Suyama	10539	Konbu	8
6	Suyama	10539	Sir Rodney's Scones	15
6	Suyama	10539	Geitost	15
6	Suyama	10539	Maxilaku	6
3	Leverling	10540	Aniseed Syrup	60
3	Leverling	10540	Gumbär Gummibärchen	40
3	Leverling	10540	Côte de Blaye	30
3	Leverling	10540	Scottish Longbreads	35
2	Fuller	10541	Guaraná Fantástica	35
2	Fuller	10541	Côte de Blaye	4
2	Fuller	10541	Louisiana Fiery Hot Pepper Sauce	36
2	Fuller	10541	Flotemysost	9
1	Davolio	10542	Queso Cabrales	15
1	Davolio	10542	Tourtière	24
8	Callahan	10543	Queso Manchego La Pastora	30
8	Callahan	10543	Tunnbröd	70
4	Peacock	10544	Rössle Sauerkraut	7
4	Peacock	10544	Laughing Lumberjack Lager	7
8	Callahan	10545	Queso Cabrales	10
1	Davolio	10546	Uncle Bob's Organic Dried Pears	10
1	Davolio	10546	Steeleye Stout	30

1	Davolio	10546	Tarte au sucre	40
3	Leverling	10547	Mascarpone Fabioli	24
3	Leverling	10547	Inlagd Sill	60
3	Leverling	10548	Sasquatch Ale	10
3	Leverling	10548	Jack's New England Clam Chowder	14
5	Buchanan	10549	Gorgonzola Telino	55
5	Buchanan	10549	Rogede sild	100
5	Buchanan	10549	Manjimup Dried Apples	48
7	King	10550	Alice Mutton	8
7	King	10550	Teatime Chocolate Biscuits	10
7	King	10550	Sir Rodney's Scones	6
7	King	10550	Sirop d'érable	10
4	Peacock	10551	Pavlova	40
4	Peacock	10551	Steeleye Stout	20
4	Peacock	10551	Gula Malacca	40
2	Fuller	10552	Gudbrandsdalsost	18
2	Fuller	10552	Rhönbräu Klosterbier	30
2	Fuller	10553	Queso Cabrales	15
2	Fuller	10553	Pavlova	14
2	Fuller	10553	Gustaf's Knäckebröd	24
2	Fuller	10553	Gorgonzola Telino	30
2	Fuller	10553	Steeleye Stout	6
4	Peacock	10554	Pavlova	30
4	Peacock	10554	Tunnbröd	20
4	Peacock	10554	Tarte au sucre	20
4	Peacock	10554	Original Frankfurter grüne Soße	10
6	Suyama	10555	Tofu	30
6	Suyama	10555	Teatime Chocolate Biscuits	35
6	Suyama	10555	Guaraná Fantástica	18
6	Suyama	10555	Manjimup Dried Apples	20
6	Suyama	10555	Gnocchi di nonna Alice	40
2	Fuller	10556	Mozzarella di Giovanni	24
9	Dodsworth	10557	Wimmers gute Semmelknödel	30
9	Dodsworth	10557	Rhönbräu Klosterbier	20
1	Davolio	10558	Zaanse koeken	25
1	Davolio	10558	Manjimup Dried Apples	20
1	Davolio	10558	Filo Mix	30
1	Davolio	10558	Perth Pasties	18
1	Davolio	10558	Röd Kaviar	3
6	Suyama	10559	Jack's New England Clam Chowder	12

6	Suyama	10559	Pâté chinois	18
8	Callahan	10560	Nord-Ost Matjeshering	20
8	Callahan	10560	Tarte au sucre	15
2	Fuller	10561	Gula Malacca	10
2	Fuller	10561	Manjimup Dried Apples	50
1	Davolio	10562	Geitost	20
1	Davolio	10562	Tarte au sucre	10
2	Fuller	10563	Inlagd Sill	25
2	Fuller	10563	Filo Mix	70
4	Peacock	10564	Alice Mutton	16
4	Peacock	10564	Gorgonzola Telino	6
4	Peacock	10564	Pâté chinois	25
8	Callahan	10565	Guaraná Fantástica	25
8	Callahan	10565	Wimmers gute Semmelknödel	18
9	Dodsworth	10566	Queso Cabrales	35
9	Dodsworth	10566	Carnarvon Tigers	18
9	Dodsworth	10566	Lakkalikööri	10
1	Davolio	10567	Gorgonzola Telino	60
1	Davolio	10567	Manjimup Dried Apples	3
1	Davolio	10567	Raclette Courdavault	40
3	Leverling	10568	Ikura	5
5	Buchanan	10569	Gorgonzola Telino	35
5	Buchanan	10569	Lakkalikööri	30
3	Leverling	10570	Queso Cabrales	15
3	Leverling	10570	Gnocchi di nonna Alice	60
8	Callahan	10571	Tofu	11
8	Callahan	10571	Singaporean Hokkien Fried Mee	28
3	Leverling	10572	Pavlova	12
3	Leverling	10572	Mascarpone Fabioli	10
3	Leverling	10572	Boston Crab Meat	50
3	Leverling	10572	Rhönbräu Klosterbier	15
7	King	10573	Alice Mutton	18
7	King	10573	Sasquatch Ale	40
7	King	10573	Perth Pasties	25
4	Peacock	10574	Geitost	14
4	Peacock	10574	Boston Crab Meat	2
4	Peacock	10574	Tarte au sucre	10
4	Peacock	10574	Wimmers gute Semmelknödel	6
5	Buchanan	10575	Raclette Courdavault	12
5	Buchanan	10575	Vegie-spread	6

5	Buchanan	10575	Mozzarella di Giovanni	30
5	Buchanan	10575	Lakkalikööri	10
3	Leverling	10576	Chai	10
3	Leverling	10576	Gorgonzola Telino	20
3	Leverling	10576	Gula Malacca	21
9	Dodsworth	10577	Chartreuse verte	10
9	Dodsworth	10577	Rhönbräu Klosterbier	20
9	Dodsworth	10577	Original Frankfurter grüne Soße	18
4	Peacock	10578	Steeleye Stout	20
4	Peacock	10578	Ravioli Angelo	6
1	Davolio	10579	Genen Shouyu	10
1	Davolio	10579	Rhönbräu Klosterbier	21
4	Peacock	10580	Tofu	15
4	Peacock	10580	Jack's New England Clam Chowder	9
4	Peacock	10580	Louisiana Fiery Hot Pepper Sauce	30
3	Leverling	10581	Rhönbräu Klosterbier	50
3	Leverling	10582	Ravioli Angelo	4
3	Leverling	10582	Lakkalikööri	14
2	Fuller	10583	Thüringer Rostbratwurst	10
2	Fuller	10583	Camembert Pierrot	24
2	Fuller	10583	Gudbrandsdalsost	10
4	Peacock	10584	Gorgonzola Telino	50
7	King	10585	Zaanse koeken	15
9	Dodsworth	10586	Filo Mix	4
1	Davolio	10587	Gumbär Gummibärchen	6
1	Davolio	10587	Steeleye Stout	20
1	Davolio	10587	Original Frankfurter grüne Soße	20
2	Fuller	10588	Carnarvon Tigers	40
2	Fuller	10588	Singaporean Hokkien Fried Mee	100
8	Callahan	10589	Steeleye Stout	4
4	Peacock	10590	Chai	20
4	Peacock	10590	Original Frankfurter grüne Soße	60
1	Davolio	10591	Aniseed Syrup	14
1	Davolio	10591	Uncle Bob's Organic Dried Pears	10
1	Davolio	10591	Tourtière	50
3	Leverling	10592	Genen Shouyu	25
3	Leverling	10592	Gumbär Gummibärchen	5
7	King	10593	Sir Rodney's Marmalade	21
7	King	10593	Gudbrandsdalsost	20
7	King	10593	Lakkalikööri	4

3	Leverling	10594	Filo Mix	24
3	Leverling	10594	Escargots de Bourgogne	30
2	Fuller	10595	Steeleye Stout	30
2	Fuller	10595	Sirop d'érable	120
2	Fuller	10595	Gudbrandsdalsost	65
8	Callahan	10596	Gnocchi di nonna Alice	5
8	Callahan	10596	Vegie-spread	24
8	Callahan	10596	Rhönbräu Klosterbier	30
7	King	10597	Guaraná Fantástica	35
7	King	10597	Ravioli Angelo	20
7	King	10597	Louisiana Fiery Hot Pepper Sauce	12
1	Davolio	10598	Schoggi Schokolade	50
1	Davolio	10598	Flotemysost	9
6	Suyama	10599	Tarte au sucre	10
4	Peacock	10600	Tourtière	4
4	Peacock	10600	Röd Kaviar	30
7	King	10601	Konbu	60
7	King	10601	Raclette Courdavault	35
8	Callahan	10602	Original Frankfurter grüne Soße	5
8	Callahan	10603	Gustaf's Knäckebröd	48
8	Callahan	10603	Maxilaku	25
1	Davolio	10604	Chocolade	6
1	Davolio	10604	Lakkalikööri	10
1	Davolio	10605	Pavlova	30
1	Davolio	10605	Raclette Courdavault	20
1	Davolio	10605	Camembert Pierrot	70
1	Davolio	10605	Flotemysost	15
4	Peacock	10606	Chef Anton's Cajun Seasoning	20
4	Peacock	10606	Pâté chinois	20
4	Peacock	10606	Tarte au sucre	10
5	Buchanan	10607	Uncle Bob's Organic Dried Pears	45
5	Buchanan	10607	Alice Mutton	100
5	Buchanan	10607	Geitost	14
5	Buchanan	10607	Boston Crab Meat	42
5	Buchanan	10607	Mozzarella di Giovanni	12
4	Peacock	10608	Gnocchi di nonna Alice	28
7	King	10609	Chai	3
7	King	10609	Ikura	10
7	King	10609	Sir Rodney's Scones	6
8	Callahan	10610	Inlagd Sill	21

6	Suyama	10611	Chai	6
6	Suyama	10611	Chang	10
6	Suyama	10611	Camembert Pierrot	15
1	Davolio	10612	Ikura	70
1	Davolio	10612	Inlagd Sill	55
1	Davolio	10612	Maxilaku	18
1	Davolio	10612	Camembert Pierrot	40
1	Davolio	10612	Lakkalikööri	80
4	Peacock	10613	Konbu	8
4	Peacock	10613	Rhönbräu Klosterbier	40
8	Callahan	10614	Queso Cabrales	14
8	Callahan	10614	Sir Rodney's Scones	8
8	Callahan	10614	Chartreuse verte	5
2	Fuller	10615	Pâté chinois	5
1	Davolio	10616	Côte de Blaye	15
1	Davolio	10616	Gnocchi di nonna Alice	14
1	Davolio	10616	Outback Lager	15
1	Davolio	10616	Flotemysost	15
4	Peacock	10617	Raclette Courdavault	30
1	Davolio	10618	Grandma's Boysenberry Spread	70
1	Davolio	10618	Gnocchi di nonna Alice	20
1	Davolio	10618	Scottish Longbreads	15
3	Leverling	10619	Sir Rodney's Scones	42
3	Leverling	10619	Gustaf's Knäckebröd	40
2	Fuller	10620	Guaraná Fantástica	5
2	Fuller	10620	Filo Mix	5
4	Peacock	10621	Teatime Chocolate Biscuits	5
4	Peacock	10621	Tunnbröd	10
4	Peacock	10621	Outback Lager	20
4	Peacock	10621	Flotemysost	15
4	Peacock	10622	Chang	20
4	Peacock	10622	Scottish Longbreads	18
8	Callahan	10623	Tofu	21
8	Callahan	10623	Teatime Chocolate Biscuits	15
8	Callahan	10623	Sir Rodney's Scones	25
8	Callahan	10623	Guaraná Fantástica	3
8	Callahan	10623	Steeleye Stout	30
4	Peacock	10624	Rössle Sauerkraut	10
4	Peacock	10624	Thüringer Rostbratwurst	6
4	Peacock	10624	Gula Malacca	10

3	Leverling	10625	Tofu	3
3	Leverling	10625	Singaporean Hokkien Fried Mee	5
3	Leverling	10625	Camembert Pierrot	10
1	Davolio	10626	Perth Pasties	12
1	Davolio	10626	Camembert Pierrot	20
1	Davolio	10626	Flotemysost	20
8	Callahan	10627	Tarte au sucre	15
8	Callahan	10627	Röd Kaviar	35
4	Peacock	10628	Chai	25
4	Peacock	10629	Thüringer Rostbratwurst	20
4	Peacock	10629	Wimmers gute Semmelknödel	9
1	Davolio	10630	Pâté chinois	12
1	Davolio	10630	Lakkalikööri	35
8	Callahan	10631	Rhönbräu Klosterbier	8
8	Callahan	10632	Chang	30
8	Callahan	10632	Geitost	20
7	King	10633	Queso Manchego La Pastora	36
7	King	10633	Konbu	13
7	King	10633	Gumbär Gummibärchen	35
7	King	10633	Tarte au sucre	80
4	Peacock	10634	Uncle Bob's Organic Dried Pears	35
4	Peacock	10634	Carnarvon Tigers	50
4	Peacock	10634	Manjimup Dried Apples	15
4	Peacock	10634	Rhönbräu Klosterbier	2
8	Callahan	10635	Chef Anton's Cajun Seasoning	10
8	Callahan	10635	Chef Anton's Gumbo Mix	15
8	Callahan	10635	Gustaf's Knäckebröd	40
4	Peacock	10636	Chef Anton's Cajun Seasoning	25
4	Peacock	10636	Escargots de Bourgogne	6
6	Suyama	10637	Queso Cabrales	10
6	Suyama	10637	Valkoinen suklaa	25
6	Suyama	10637	Gnocchi di nonna Alice	60
3	Leverling	10638	Rogede sild	20
3	Leverling	10638	Louisiana Fiery Hot Pepper Sauce	21
3	Leverling	10638	Mozzarella di Giovanni	60
7	King	10639	Carnarvon Tigers	8
4	Peacock	10640	Gudbrandsdalsost	20
4	Peacock	10640	Outback Lager	15
4	Peacock	10641	Chang	50
4	Peacock	10641	Boston Crab Meat	60

7	King	10642	Sir Rodney's Scones	30
7	King	10642	Sirop d'érable	20
6	Suyama	10643	Rössle Sauerkraut	15
6	Suyama	10643	Chartreuse verte	21
6	Suyama	10643	Spegesild	2
3	Leverling	10644	Carnarvon Tigers	4
3	Leverling	10644	Ipoh Coffee	20
3	Leverling	10644	Spegesild	21
4	Peacock	10645	Carnarvon Tigers	20
4	Peacock	10645	Inlagd Sill	15
9	Dodsworth	10646	Chai	15
9	Dodsworth	10646	Ikura	18
9	Dodsworth	10646	Flotemysost	30
9	Dodsworth	10646	Original Frankfurter grüne Soße	35
4	Peacock	10647	Teatime Chocolate Biscuits	30
4	Peacock	10647	Chartreuse verte	20
5	Buchanan	10648	Gustaf's Knäckebröd	15
5	Buchanan	10648	Guaraná Fantástica	15
5	Buchanan	10649	Rössle Sauerkraut	20
5	Buchanan	10649	Mozzarella di Giovanni	15
5	Buchanan	10650	Nord-Ost Matjeshering	30
5	Buchanan	10650	Perth Pasties	25
5	Buchanan	10650	Tourtière	30
8	Callahan	10651	Teatime Chocolate Biscuits	12
8	Callahan	10651	Gustaf's Knäckebröd	20
4	Peacock	10652	Nord-Ost Matjeshering	2
4	Peacock	10652	Singaporean Hokkien Fried Mee	20
1	Davolio	10653	Pavlova	30
1	Davolio	10653	Camembert Pierrot	20
5	Buchanan	10654	Chef Anton's Cajun Seasoning	12
5	Buchanan	10654	Chartreuse verte	20
5	Buchanan	10654	Tourtière	6
1	Davolio	10655	Jack's New England Clam Chowder	20
6	Suyama	10656	Tofu	3
6	Suyama	10656	Gula Malacca	28
6	Suyama	10656	Zaanse koeken	6
2	Fuller	10657	Genen Shouyu	50
2	Fuller	10657	Jack's New England Clam Chowder	24
2	Fuller	10657	Spegesild	45
2	Fuller	10657	Zaanse koeken	10

2	Fuller	10657	Gnocchi di nonna Alice	45
2	Fuller	10657	Camembert Pierrot	30
4	Peacock	10658	Sir Rodney's Scones	60
4	Peacock	10658	Boston Crab Meat	70
4	Peacock	10658	Camembert Pierrot	55
4	Peacock	10658	Original Frankfurter grüne Soße	70
7	King	10659	Gorgonzola Telino	20
7	King	10659	Boston Crab Meat	24
7	King	10659	Outback Lager	40
8	Callahan	10660	Sir Rodney's Marmalade	21
7	King	10661	Chartreuse verte	3
7	King	10661	Escargots de Bourgogne	49
3	Leverling	10662	Scottish Longbreads	10
2	Fuller	10663	Boston Crab Meat	30
2	Fuller	10663	Singaporean Hokkien Fried Mee	30
2	Fuller	10663	Manjimup Dried Apples	20
1	Davolio	10664	Ikura	24
1	Davolio	10664	Gnocchi di nonna Alice	12
1	Davolio	10664	Louisiana Fiery Hot Pepper Sauce	15
1	Davolio	10665	Manjimup Dried Apples	20
1	Davolio	10665	Raclette Courdavault	1
1	Davolio	10665	Lakkalikööri	10
7	King	10666	Thüringer Rostbratwurst	36
7	King	10666	Louisiana Fiery Hot Pepper Sauce	10
7	King	10667	Gudbrandsdalsost	45
7	King	10667	Flotemysost	14
1	Davolio	10668	Gorgonzola Telino	8
1	Davolio	10668	Pâté chinois	4
1	Davolio	10668	Wimmers gute Semmelknödel	15
2	Fuller	10669	Inlagd Sill	30
4	Peacock	10670	Tunnbröd	32
4	Peacock	10670	Spegesild	60
4	Peacock	10670	Laughing Lumberjack Lager	25
4	Peacock	10670	Röd Kaviar	50
4	Peacock	10670	Rhönbräu Klosterbier	25
1	Davolio	10671	Pavlova	10
1	Davolio	10671	Tarte au sucre	10
1	Davolio	10671	Louisiana Fiery Hot Pepper Sauce	12
9	Dodsworth	10672	Côte de Blaye	15
9	Dodsworth	10672	Flotemysost	12

2	Fuller	10673	Pavlova	3
2	Fuller	10673	Singaporean Hokkien Fried Mee	6
2	Fuller	10673	Ipoh Coffee	6
4	Peacock	10674	Tunnbröd	5
5	Buchanan	10675	Tofu	30
5	Buchanan	10675	Perth Pasties	10
5	Buchanan	10675	Escargots de Bourgogne	30
2	Fuller	10676	Ikura	2
2	Fuller	10676	Teatime Chocolate Biscuits	7
2	Fuller	10676	Gula Malacca	21
1	Davolio	10677	Gumbär Gummibärchen	30
1	Davolio	10677	Geitost	8
7	King	10678	Queso Manchego La Pastora	100
7	King	10678	Geitost	30
7	King	10678	Jack's New England Clam Chowder	120
7	King	10678	Tourtière	30
8	Callahan	10679	Raclette Courdavault	12
1	Davolio	10680	Pavlova	50
1	Davolio	10680	Gorgonzola Telino	20
1	Davolio	10680	Singaporean Hokkien Fried Mee	40
3	Leverling	10681	Teatime Chocolate Biscuits	30
3	Leverling	10681	Sir Rodney's Scones	12
3	Leverling	10681	Wimmers gute Semmelknödel	28
3	Leverling	10682	Geitost	30
3	Leverling	10682	Louisiana Hot Spiced Okra	4
3	Leverling	10682	Rhönbräu Klosterbier	30
2	Fuller	10683	Filo Mix	9
3	Leverling	10684	Boston Crab Meat	20
3	Leverling	10684	Zaanse koeken	40
3	Leverling	10684	Camembert Pierrot	30
4	Peacock	10685	Ikura	20
4	Peacock	10685	Jack's New England Clam Chowder	4
4	Peacock	10685	Zaanse koeken	15
2	Fuller	10686	Alice Mutton	30
2	Fuller	10686	Gumbär Gummibärchen	15
9	Dodsworth	10687	Mishi Kobe Niku	50
9	Dodsworth	10687	Thüringer Rostbratwurst	10
9	Dodsworth	10687	Inlagd Sill	6
4	Peacock	10688	Ikura	18
4	Peacock	10688	Rössle Sauerkraut	60

4	Peacock	10688	Sasquatch Ale	14
1	Davolio	10689	Chai	35
1	Davolio	10690	Gnocchi di nonna Alice	20
1	Davolio	10690	Original Frankfurter grüne Soße	30
2	Fuller	10691	Chai	30
2	Fuller	10691	Thüringer Rostbratwurst	40
2	Fuller	10691	Ipoh Coffee	40
2	Fuller	10691	Gula Malacca	24
2	Fuller	10691	Tarte au sucre	48
4	Peacock	10692	Vegie-spread	20
3	Leverling	10693	Mishi Kobe Niku	6
3	Leverling	10693	Tourtière	60
3	Leverling	10693	Gudbrandsdalsost	30
3	Leverling	10693	Röd Kaviar	15
8	Callahan	10694	Uncle Bob's Organic Dried Pears	90
8	Callahan	10694	Raclette Courdavault	25
8	Callahan	10694	Outback Lager	50
7	King	10695	Northwoods Cranberry Sauce	10
7	King	10695	Queso Manchego La Pastora	4
7	King	10695	Guaraná Fantástica	20
8	Callahan	10696	Alice Mutton	20
8	Callahan	10696	Spegesild	18
3	Leverling	10697	Teatime Chocolate Biscuits	7
3	Leverling	10697	Steeleye Stout	9
3	Leverling	10697	Escargots de Bourgogne	30
3	Leverling	10697	Outback Lager	30
4	Peacock	10698	Queso Cabrales	15
4	Peacock	10698	Alice Mutton	8
4	Peacock	10698	Thüringer Rostbratwurst	12
4	Peacock	10698	Louisiana Fiery Hot Pepper Sauce	65
4	Peacock	10698	Outback Lager	8
3	Leverling	10699	Zaanse koeken	12
3	Leverling	10700	Chai	5
3	Leverling	10700	Sasquatch Ale	12
3	Leverling	10700	Scottish Longbreads	40
3	Leverling	10700	Flotemysost	60
6	Suyama	10701	Raclette Courdavault	42
6	Suyama	10701	Flotemysost	20
6	Suyama	10701	Lakkalikööri	35
4	Peacock	10702	Aniseed Syrup	6

4	Peacock	10702	Lakkalikööri	15
6	Suyama	10703	Chang	5
6	Suyama	10703	Raclette Courdavault	35
6	Suyama	10703	Röd Kaviar	35
6	Suyama	10704	Chef Anton's Cajun Seasoning	6
6	Suyama	10704	Guaraná Fantástica	35
6	Suyama	10704	Chocolade	24
9	Dodsworth	10705	Gorgonzola Telino	20
9	Dodsworth	10705	Mascarpone Fabioli	4
8	Callahan	10706	Pavlova	20
8	Callahan	10706	Ipoh Coffee	24
8	Callahan	10706	Raclette Courdavault	8
4	Peacock	10707	Pâté chinois	21
4	Peacock	10707	Ravioli Angelo	40
4	Peacock	10707	Outback Lager	28
6	Suyama	10708	Chef Anton's Gumbo Mix	4
6	Suyama	10708	Inlagd Sill	5
1	Davolio	10709	Northwoods Cranberry Sauce	40
1	Davolio	10709	Manjimup Dried Apples	28
1	Davolio	10709	Camembert Pierrot	10
1	Davolio	10710	Teatime Chocolate Biscuits	5
1	Davolio	10710	Zaanse koeken	5
5	Buchanan	10711	Teatime Chocolate Biscuits	12
5	Buchanan	10711	Jack's New England Clam Chowder	42
5	Buchanan	10711	Perth Pasties	120
3	Leverling	10712	Perth Pasties	3
3	Leverling	10712	Gnocchi di nonna Alice	30
1	Davolio	10713	Ikura	18
1	Davolio	10713	Gumbär Gummibärchen	30
1	Davolio	10713	Rogede sild	110
1	Davolio	10713	Spegesild	24
5	Buchanan	10714	Chang	30
5	Buchanan	10714	Alice Mutton	27
5	Buchanan	10714	Zaanse koeken	50
5	Buchanan	10714	Gnocchi di nonna Alice	18
5	Buchanan	10714	Escargots de Bourgogne	12
3	Leverling	10715	Ikura	21
3	Leverling	10715	Flotemysost	30
4	Peacock	10716	Sir Rodney's Scones	5
4	Peacock	10716	Manjimup Dried Apples	7

4	Peacock	10716	Sirop d'érable	10
1	Davolio	10717	Sir Rodney's Scones	32
1	Davolio	10717	Tourtière	15
1	Davolio	10717	Gudbrandsdalsost	25
1	Davolio	10718	Queso Manchego La Pastora	36
1	Davolio	10718	Pavlova	20
1	Davolio	10718	Inlagd Sill	40
1	Davolio	10718	Tarte au sucre	20
8	Callahan	10719	Carnarvon Tigers	12
8	Callahan	10719	Nord-Ost Matjeshering	3
8	Callahan	10719	Tourtière	40
8	Callahan	10720	Steeleye Stout	21
8	Callahan	10720	Flotemysost	8
5	Buchanan	10721	Gula Malacca	50
8	Callahan	10722	Chang	3
8	Callahan	10722	Gorgonzola Telino	50
8	Callahan	10722	Scottish Longbreads	45
8	Callahan	10722	Rhönbräu Klosterbier	42
3	Leverling	10723	Gumbär Gummibärchen	15
8	Callahan	10724	Ikura	16
8	Callahan	10724	Sirop d'érable	5
4	Peacock	10725	Jack's New England Clam Chowder	12
4	Peacock	10725	Filo Mix	4
4	Peacock	10725	Pâté chinois	6
4	Peacock	10726	Chef Anton's Cajun Seasoning	25
4	Peacock	10726	Queso Cabrales	5
2	Fuller	10727	Alice Mutton	20
2	Fuller	10727	Gnocchi di nonna Alice	10
2	Fuller	10727	Raclette Courdavault	10
4	Peacock	10728	Nord-Ost Matjeshering	15
4	Peacock	10728	Boston Crab Meat	6
4	Peacock	10728	Pâté chinois	12
4	Peacock	10728	Camembert Pierrot	15
8	Callahan	10729	Chai	50
8	Callahan	10729	Sir Rodney's Scones	30
8	Callahan	10729	Valkoinen suklaa	40
5	Buchanan	10730	Pavlova	15
5	Buchanan	10730	Gorgonzola Telino	3
5	Buchanan	10730	Louisiana Fiery Hot Pepper Sauce	10
7	King	10731	Sir Rodney's Scones	40

7	King	10731	Manjimup Dried Apples	30
3	Leverling	10732	Lakkalikööri	20
1	Davolio	10733	Tofu	16
1	Davolio	10733	Rössle Sauerkraut	20
1	Davolio	10733	Filo Mix	25
2	Fuller	10734	Grandma's Boysenberry Spread	30
2	Fuller	10734	Nord-Ost Matjeshering	15
2	Fuller	10734	Lakkalikööri	20
6	Suyama	10735	Sirop d'érable	20
6	Suyama	10735	Original Frankfurter grüne Soße	2
9	Dodsworth	10736	Louisiana Fiery Hot Pepper Sauce	40
9	Dodsworth	10736	Rhönbräu Klosterbier	20
2	Fuller	10737	Konbu	4
2	Fuller	10737	Jack's New England Clam Chowder	12
2	Fuller	10738	Pavlova	3
3	Leverling	10739	Inlagd Sill	6
3	Leverling	10739	Filo Mix	18
4	Peacock	10740	Rössle Sauerkraut	5
4	Peacock	10740	Steeleye Stout	35
4	Peacock	10740	Rogede sild	40
4	Peacock	10740	Gnocchi di nonna Alice	14
4	Peacock	10741	Chang	15
3	Leverling	10742	Aniseed Syrup	20
3	Leverling	10742	Camembert Pierrot	50
3	Leverling	10742	Mozzarella di Giovanni	35
1	Davolio	10743	Spegesild	28
6	Suyama	10744	Boston Crab Meat	50
9	Dodsworth	10745	Carnarvon Tigers	24
9	Dodsworth	10745	Gula Malacca	16
9	Dodsworth	10745	Raclette Courdavault	45
9	Dodsworth	10745	Mozzarella di Giovanni	7
1	Davolio	10746	Konbu	6
1	Davolio	10746	Singaporean Hokkien Fried Mee	28
1	Davolio	10746	Tarte au sucre	9
1	Davolio	10746	Gudbrandsdalsost	40
6	Suyama	10747	Gorgonzola Telino	8
6	Suyama	10747	Jack's New England Clam Chowder	35
6	Suyama	10747	Vegie-spread	9
6	Suyama	10747	Gudbrandsdalsost	30
3	Leverling	10748	Tunnbröd	44

3	Leverling	10748	Boston Crab Meat	40
3	Leverling	10748	Gnocchi di nonna Alice	28
4	Peacock	10749	Gnocchi di nonna Alice	15
4	Peacock	10749	Raclette Courdavault	6
4	Peacock	10749	Lakkalikööri	10
9	Dodsworth	10750	Tofu	5
9	Dodsworth	10750	Rogede sild	40
9	Dodsworth	10750	Raclette Courdavault	25
3	Leverling	10751	Gumbär Gummibärchen	12
3	Leverling	10751	Nord-Ost Matjeshering	30
3	Leverling	10751	Valkoinen suklaa	20
3	Leverling	10751	Röd Kaviar	15
2	Fuller	10752	Chai	8
2	Fuller	10752	Gudbrandsdalsost	3
3	Leverling	10753	Rogede sild	4
3	Leverling	10753	Longlife Tofu	5
6	Suyama	10754	Boston Crab Meat	3
4	Peacock	10755	Zaanse koeken	30
4	Peacock	10755	Gnocchi di nonna Alice	30
4	Peacock	10755	Ravioli Angelo	14
4	Peacock	10755	Gudbrandsdalsost	25
8	Callahan	10756	Carnarvon Tigers	21
8	Callahan	10756	Inlagd Sill	20
8	Callahan	10756	Scottish Longbreads	6
8	Callahan	10756	Gudbrandsdalsost	20
6	Suyama	10757	Sasquatch Ale	30
6	Suyama	10757	Raclette Courdavault	7
6	Suyama	10757	Tarte au sucre	30
6	Suyama	10757	Wimmers gute Semmelknödel	24
3	Leverling	10758	Gumbär Gummibärchen	20
3	Leverling	10758	Filo Mix	60
3	Leverling	10758	Outback Lager	40
3	Leverling	10759	Mascarpone Fabioli	10
4	Peacock	10760	NuNuCa Nuß-Nougat-Creme	12
4	Peacock	10760	Schoggi Schokolade	40
4	Peacock	10760	Ipoh Coffee	30
5	Buchanan	10761	NuNuCa Nuß-Nougat-Creme	35
5	Buchanan	10761	Rhönbräu Klosterbier	18
3	Leverling	10762	Chartreuse verte	16
3	Leverling	10762	Zaanse koeken	30

3	Leverling	10762	Manjimup Dried Apples	28
3	Leverling	10762	Gnocchi di nonna Alice	60
3	Leverling	10763	Sir Rodney's Scones	40
3	Leverling	10763	Gustaf's Knäckebröd	6
3	Leverling	10763	Guaraná Fantástica	20
6	Suyama	10764	Aniseed Syrup	20
6	Suyama	10764	Chartreuse verte	130
3	Leverling	10765	Louisiana Fiery Hot Pepper Sauce	80
4	Peacock	10766	Chang	40
4	Peacock	10766	Uncle Bob's Organic Dried Pears	35
4	Peacock	10766	Scottish Longbreads	40
4	Peacock	10767	Singaporean Hokkien Fried Mee	2
3	Leverling	10768	Gustaf's Knäckebröd	4
3	Leverling	10768	Gorgonzola Telino	50
3	Leverling	10768	Camembert Pierrot	15
3	Leverling	10768	Flotemysost	12
3	Leverling	10769	Jack's New England Clam Chowder	30
3	Leverling	10769	Filo Mix	15
3	Leverling	10769	Sirop d'érable	20
3	Leverling	10769	Tarte au sucre	15
8	Callahan	10770	Queso Cabrales	15
9	Dodsworth	10771	Flotemysost	16
3	Leverling	10772	Thüringer Rostbratwurst	18
3	Leverling	10772	Raclette Courdavault	25
1	Davolio	10773	Alice Mutton	33
1	Davolio	10773	Gorgonzola Telino	70
1	Davolio	10773	Rhönbräu Klosterbier	7
4	Peacock	10774	Gorgonzola Telino	2
4	Peacock	10774	Louisiana Hot Spiced Okra	50
7	King	10775	Ikura	6
7	King	10775	Laughing Lumberjack Lager	3
1	Davolio	10776	Gorgonzola Telino	16
1	Davolio	10776	Singaporean Hokkien Fried Mee	12
1	Davolio	10776	Rogede sild	27
1	Davolio	10776	Manjimup Dried Apples	120
7	King	10777	Singaporean Hokkien Fried Mee	20
3	Leverling	10778	Jack's New England Clam Chowder	10
3	Leverling	10779	Pavlova	20
3	Leverling	10779	Tarte au sucre	20
2	Fuller	10780	Outback Lager	35

2	Fuller	10780	Original Frankfurter grüne Soße	15
2	Fuller	10781	Tourtière	3
2	Fuller	10781	Gnocchi di nonna Alice	20
2	Fuller	10781	Longlife Tofu	35
9	Dodsworth	10782	Gorgonzola Telino	1
4	Peacock	10783	Gorgonzola Telino	10
4	Peacock	10783	Côte de Blaye	5
4	Peacock	10784	Inlagd Sill	30
4	Peacock	10784	Chartreuse verte	2
4	Peacock	10784	Mozzarella di Giovanni	30
1	Davolio	10785	Ikura	10
1	Davolio	10785	Rhönbräu Klosterbier	10
8	Callahan	10786	Northwoods Cranberry Sauce	30
8	Callahan	10786	Nord-Ost Matjeshering	15
8	Callahan	10786	Rhönbräu Klosterbier	42
2	Fuller	10787	Chang	15
2	Fuller	10787	Thüringer Rostbratwurst	20
1	Davolio	10788	Teatime Chocolate Biscuits	50
1	Davolio	10788	Rhönbräu Klosterbier	40
1	Davolio	10789	Carnarvon Tigers	30
1	Davolio	10789	Steeleye Stout	15
1	Davolio	10789	Vegie-spread	30
1	Davolio	10789	Scottish Longbreads	18
6	Suyama	10790	Uncle Bob's Organic Dried Pears	3
6	Suyama	10790	Gnocchi di nonna Alice	20
6	Suyama	10791	Thüringer Rostbratwurst	14
6	Suyama	10791	Jack's New England Clam Chowder	20
1	Davolio	10792	Chang	10
1	Davolio	10792	Tourtière	3
1	Davolio	10792	Scottish Longbreads	15
3	Leverling	10793	Jack's New England Clam Chowder	14
3	Leverling	10793	Filo Mix	8
6	Suyama	10794	Tofu	15
6	Suyama	10794	Tourtière	6
8	Callahan	10795	Pavlova	65
8	Callahan	10795	Alice Mutton	35
3	Leverling	10796	Gumbär Gummibärchen	21
3	Leverling	10796	Gula Malacca	10
3	Leverling	10796	Wimmers gute Semmelknödel	35
3	Leverling	10796	Gudbrandsdalsost	24

7	King	10797	Queso Cabrales	20
2	Fuller	10798	Tarte au sucre	2
2	Fuller	10798	Mozzarella di Giovanni	10
9	Dodsworth	10799	Konbu	20
9	Dodsworth	10799	Guaraná Fantástica	20
9	Dodsworth	10799	Raclette Courdavault	25
1	Davolio	10800	Queso Cabrales	50
1	Davolio	10800	Manjimup Dried Apples	10
1	Davolio	10800	Tourtière	7
4	Peacock	10801	Alice Mutton	40
4	Peacock	10801	Thüringer Rostbratwurst	20
4	Peacock	10802	Nord-Ost Matjeshering	25
4	Peacock	10802	Manjimup Dried Apples	30
4	Peacock	10802	Pâté chinois	60
4	Peacock	10802	Tarte au sucre	5
4	Peacock	10803	Teatime Chocolate Biscuits	24
4	Peacock	10803	NuNuCa Nuß-Nougat-Creme	15
4	Peacock	10803	Raclette Courdavault	15
6	Suyama	10804	Ikura	36
6	Suyama	10804	Rössle Sauerkraut	24
6	Suyama	10804	Maxilaku	4
2	Fuller	10805	Sasquatch Ale	10
2	Fuller	10805	Côte de Blaye	10
3	Leverling	10806	Chang	20
3	Leverling	10806	Louisiana Fiery Hot Pepper Sauce	2
3	Leverling	10806	Longlife Tofu	15
4	Peacock	10807	Boston Crab Meat	1
2	Fuller	10808	Gnocchi di nonna Alice	20
2	Fuller	10808	Lakkalikööri	50
7	King	10809	Filo Mix	20
2	Fuller	10810	Konbu	7
2	Fuller	10810	NuNuCa Nuß-Nougat-Creme	5
2	Fuller	10810	Outback Lager	5
8	Callahan	10811	Teatime Chocolate Biscuits	15
8	Callahan	10811	Tunnbröd	18
8	Callahan	10811	Boston Crab Meat	30
5	Buchanan	10812	Gorgonzola Telino	16
5	Buchanan	10812	Mozzarella di Giovanni	40
5	Buchanan	10812	Original Frankfurter grüne Soße	20
1	Davolio	10813	Chang	12

1	Davolio	10813	Spegesild	35
3	Leverling	10814	Jack's New England Clam Chowder	20
3	Leverling	10814	Ipoh Coffee	20
3	Leverling	10814	Chocolade	8
3	Leverling	10814	Sirop d'érable	30
2	Fuller	10815	Geitost	16
4	Peacock	10816	Côte de Blaye	30
4	Peacock	10816	Tarte au sucre	20
3	Leverling	10817	Gumbär Gummibärchen	40
3	Leverling	10817	Côte de Blaye	30
3	Leverling	10817	Boston Crab Meat	60
3	Leverling	10817	Tarte au sucre	25
7	King	10818	Mascarpone Fabioli	20
7	King	10818	Jack's New England Clam Chowder	20
2	Fuller	10819	Ipoh Coffee	7
2	Fuller	10819	Rhönbräu Klosterbier	20
3	Leverling	10820	Gnocchi di nonna Alice	30
1	Davolio	10821	Steeleye Stout	20
1	Davolio	10821	Manjimup Dried Apples	6
6	Suyama	10822	Tarte au sucre	3
6	Suyama	10822	Outback Lager	6
5	Buchanan	10823	Queso Cabrales	20
5	Buchanan	10823	Ravioli Angelo	15
5	Buchanan	10823	Raclette Courdavault	40
5	Buchanan	10823	Original Frankfurter grüne Soße	15
8	Callahan	10824	Jack's New England Clam Chowder	12
8	Callahan	10824	Outback Lager	9
1	Davolio	10825	Gumbär Gummibärchen	12
1	Davolio	10825	Perth Pasties	20
6	Suyama	10826	Gorgonzola Telino	35
6	Suyama	10826	Ravioli Angelo	15
1	Davolio	10827	Ikura	15
1	Davolio	10827	Chartreuse verte	21
9	Dodsworth	10828	Sir Rodney's Marmalade	5
9	Dodsworth	10828	Côte de Blaye	2
9	Dodsworth	10829	Chang	10
9	Dodsworth	10829	Northwoods Cranberry Sauce	20
9	Dodsworth	10829	Konbu	10
9	Dodsworth	10829	Camembert Pierrot	21
4	Peacock	10830	Grandma's Boysenberry Spread	6

4	Peacock	10830	Chartreuse verte	28
4	Peacock	10830	Camembert Pierrot	30
4	Peacock	10830	Scottish Longbreads	24
3	Leverling	10831	Teatime Chocolate Biscuits	2
3	Leverling	10831	Steeleye Stout	8
3	Leverling	10831	Côte de Blaye	8
3	Leverling	10831	Ipoh Coffee	9
2	Fuller	10832	Konbu	3
2	Fuller	10832	NuNuCa Nuß-Nougat-Creme	10
2	Fuller	10832	Gula Malacca	16
2	Fuller	10832	Wimmers gute Semmelknödel	3
6	Suyama	10833	Uncle Bob's Organic Dried Pears	20
6	Suyama	10833	Gorgonzola Telino	9
6	Suyama	10833	Perth Pasties	9
1	Davolio	10834	Thüringer Rostbratwurst	8
1	Davolio	10834	Nord-Ost Matjeshering	20
1	Davolio	10835	Raclette Courdavault	15
1	Davolio	10835	Original Frankfurter grüne Soße	2
7	King	10836	Gustaf's Knäckebröd	52
7	King	10836	Steeleye Stout	6
7	King	10836	Ravioli Angelo	24
7	King	10836	Camembert Pierrot	60
7	King	10836	Wimmers gute Semmelknödel	30
9	Dodsworth	10837	Konbu	6
9	Dodsworth	10837	Boston Crab Meat	25
9	Dodsworth	10837	Zaanse koeken	40
9	Dodsworth	10837	Lakkalikööri	21
3	Leverling	10838	Chai	4
3	Leverling	10838	Carnarvon Tigers	25
3	Leverling	10838	Inlagd Sill	50
3	Leverling	10839	Escargots de Bourgogne	30
3	Leverling	10839	Mozzarella di Giovanni	15
4	Peacock	10840	NuNuCa Nuß-Nougat-Creme	6
4	Peacock	10840	Chartreuse verte	10
5	Buchanan	10841	Ikura	16
5	Buchanan	10841	Gnocchi di nonna Alice	30
5	Buchanan	10841	Raclette Courdavault	50
5	Buchanan	10841	Original Frankfurter grüne Soße	15
1	Davolio	10842	Queso Cabrales	15
1	Davolio	10842	Ipoh Coffee	5

1	Davolio	10842	Scottish Longbreads	20
1	Davolio	10842	Outback Lager	12
4	Peacock	10843	Manjimup Dried Apples	4
8	Callahan	10844	Gustaf's Knäckebröd	35
8	Callahan	10845	Tunnbröd	70
8	Callahan	10845	Steeleye Stout	25
8	Callahan	10845	Singaporean Hokkien Fried Mee	42
8	Callahan	10845	Escargots de Bourgogne	60
8	Callahan	10845	Wimmers gute Semmelknödel	48
2	Fuller	10846	Chef Anton's Cajun Seasoning	21
2	Fuller	10846	Outback Lager	30
2	Fuller	10846	Longlife Tofu	20
4	Peacock	10847	Chai	80
4	Peacock	10847	Teatime Chocolate Biscuits	12
4	Peacock	10847	Gravad lax	60
4	Peacock	10847	Rogede sild	36
4	Peacock	10847	Camembert Pierrot	45
4	Peacock	10847	Flotemysost	55
7	King	10848	Chef Anton's Gumbo Mix	30
7	King	10848	Mishi Kobe Niku	3
9	Dodsworth	10849	Aniseed Syrup	49
9	Dodsworth	10849	Gumbär Gummibärchen	18
1	Davolio	10850	NuNuCa Nuß-Nougat-Creme	20
1	Davolio	10850	Geitost	4
1	Davolio	10850	Outback Lager	30
5	Buchanan	10851	Chang	5
5	Buchanan	10851	NuNuCa Nuß-Nougat-Creme	10
5	Buchanan	10851	Ravioli Angelo	10
5	Buchanan	10851	Raclette Courdavault	42
8	Callahan	10852	Chang	15
8	Callahan	10852	Alice Mutton	6
8	Callahan	10852	Tarte au sucre	50
9	Dodsworth	10853	Carnarvon Tigers	10
3	Leverling	10854	Ikura	100
3	Leverling	10854	Konbu	65
3	Leverling	10855	Pavlova	50
3	Leverling	10855	Gorgonzola Telino	14
3	Leverling	10855	Gnocchi di nonna Alice	24
3	Leverling	10855	Louisiana Fiery Hot Pepper Sauce	15
3	Leverling	10856	Chang	20

3	Leverling	10856	Singaporean Hokkien Fried Mee	20
8	Callahan	10857	Aniseed Syrup	30
8	Callahan	10857	Gumbär Gummibärchen	35
8	Callahan	10857	Thüringer Rostbratwurst	10
2	Fuller	10858	Uncle Bob's Organic Dried Pears	5
2	Fuller	10858	Schoggi Schokolade	10
2	Fuller	10858	Outback Lager	4
1	Davolio	10859	Guaraná Fantástica	40
1	Davolio	10859	Tourtière	35
1	Davolio	10859	Wimmers gute Semmelknödel	30
3	Leverling	10860	Manjimup Dried Apples	3
3	Leverling	10860	Lakkalikööri	20
4	Peacock	10861	Alice Mutton	42
4	Peacock	10861	Carnarvon Tigers	20
4	Peacock	10861	Sir Rodney's Scones	40
4	Peacock	10861	Geitost	35
4	Peacock	10861	Tarte au sucre	3
8	Callahan	10862	Queso Cabrales	25
8	Callahan	10862	Filo Mix	8
4	Peacock	10863	Chai	20
4	Peacock	10863	Escargots de Bourgogne	12
4	Peacock	10864	Steeleye Stout	4
4	Peacock	10864	Laughing Lumberjack Lager	15
2	Fuller	10865	Côte de Blaye	60
2	Fuller	10865	Chartreuse verte	80
5	Buchanan	10866	Chang	21
5	Buchanan	10866	Guaraná Fantástica	6
5	Buchanan	10866	Nord-Ost Matjeshering	40
6	Suyama	10867	Perth Pasties	3
7	King	10868	Gumbär Gummibärchen	20
7	King	10868	Steeleye Stout	30
7	King	10868	Maxilaku	42
5	Buchanan	10869	Chai	40
5	Buchanan	10869	Queso Cabrales	10
5	Buchanan	10869	Tunnbröd	50
5	Buchanan	10869	Scottish Longbreads	20
5	Buchanan	10870	Steeleye Stout	3
5	Buchanan	10870	Manjimup Dried Apples	2
9	Dodsworth	10871	Grandma's Boysenberry Spread	50
9	Dodsworth	10871	Pavlova	12

9	Dodsworth	10871	Alice Mutton	16
5	Buchanan	10872	Pâté chinois	10
5	Buchanan	10872	Tarte au sucre	20
5	Buchanan	10872	Wimmers gute Semmelknödel	15
5	Buchanan	10872	Louisiana Fiery Hot Pepper Sauce	21
4	Peacock	10873	Sir Rodney's Scones	20
4	Peacock	10873	Rössle Sauerkraut	3
5	Buchanan	10874	Ikura	10
4	Peacock	10875	Teatime Chocolate Biscuits	25
4	Peacock	10875	Zaanse koeken	21
4	Peacock	10875	Maxilaku	15
7	King	10876	Spegesild	21
7	King	10876	Wimmers gute Semmelknödel	20
1	Davolio	10877	Pavlova	30
1	Davolio	10877	Carnarvon Tigers	25
4	Peacock	10878	Sir Rodney's Marmalade	20
3	Leverling	10879	Boston Crab Meat	12
3	Leverling	10879	Louisiana Fiery Hot Pepper Sauce	10
3	Leverling	10879	Lakkalikööri	10
7	King	10880	Tunnbröd	30
7	King	10880	Sirop d'érable	30
7	King	10880	Outback Lager	50
4	Peacock	10881	Röd Kaviar	10
4	Peacock	10882	Singaporean Hokkien Fried Mee	25
4	Peacock	10882	Maxilaku	20
4	Peacock	10882	Tourtière	32
8	Callahan	10883	Guaraná Fantástica	8
4	Peacock	10884	Sir Rodney's Scones	40
4	Peacock	10884	Gnocchi di nonna Alice	21
4	Peacock	10884	Louisiana Fiery Hot Pepper Sauce	12
6	Suyama	10885	Chang	20
6	Suyama	10885	Guaraná Fantástica	12
6	Suyama	10885	Outback Lager	30
6	Suyama	10885	Original Frankfurter grüne Soße	25
1	Davolio	10886	Ikura	70
1	Davolio	10886	Gorgonzola Telino	35
1	Davolio	10886	Original Frankfurter grüne Soße	40
8	Callahan	10887	NuNuCa Nuß-Nougat-Creme	5
1	Davolio	10888	Chang	20
1	Davolio	10888	Scottish Longbreads	18

9	Dodsworth	10889	Queso Cabrales	40
9	Dodsworth	10889	Côte de Blaye	40
7	King	10890	Alice Mutton	15
7	King	10890	Sasquatch Ale	10
7	King	10890	Jack's New England Clam Chowder	14
7	King	10891	Nord-Ost Matjeshering	15
4	Peacock	10892	Raclette Courdavault	40
9	Dodsworth	10893	Northwoods Cranberry Sauce	30
9	Dodsworth	10893	Guaraná Fantástica	10
9	Dodsworth	10893	Thüringer Rostbratwurst	24
9	Dodsworth	10893	Nord-Ost Matjeshering	35
9	Dodsworth	10893	Inlagd Sill	20
1	Davolio	10894	Konbu	28
1	Davolio	10894	Gudbrandsdalsost	50
1	Davolio	10894	Rhönbräu Klosterbier	120
3	Leverling	10895	Guaraná Fantástica	110
3	Leverling	10895	Chartreuse verte	45
3	Leverling	10895	Boston Crab Meat	91
3	Leverling	10895	Camembert Pierrot	100
7	King	10896	Rogede sild	15
7	King	10896	Gnocchi di nonna Alice	16
3	Leverling	10897	Thüringer Rostbratwurst	80
3	Leverling	10897	Nord-Ost Matjeshering	36
4	Peacock	10898	Konbu	5
5	Buchanan	10899	Chartreuse verte	8
1	Davolio	10900	Outback Lager	3
4	Peacock	10901	Jack's New England Clam Chowder	30
4	Peacock	10901	Flotemysost	30
1	Davolio	10902	Pâté chinois	30
1	Davolio	10902	Tarte au sucre	6
3	Leverling	10903	Konbu	40
3	Leverling	10903	Louisiana Fiery Hot Pepper Sauce	21
3	Leverling	10903	Scottish Longbreads	20
3	Leverling	10904	Escargots de Bourgogne	15
3	Leverling	10904	Tarte au sucre	35
9	Dodsworth	10905	Chai	20
4	Peacock	10906	Sirop d'érable	15
6	Suyama	10907	Rhönbräu Klosterbier	14
4	Peacock	10908	Uncle Bob's Organic Dried Pears	20
4	Peacock	10908	Filo Mix	14

1	Davolio	10909	Uncle Bob's Organic Dried Pears	12
1	Davolio	10909	Pavlova	15
1	Davolio	10909	Jack's New England Clam Chowder	5
1	Davolio	10910	Teatime Chocolate Biscuits	12
1	Davolio	10910	Maxilaku	10
1	Davolio	10910	Sirop d'érable	5
3	Leverling	10911	Chai	10
3	Leverling	10911	Alice Mutton	12
3	Leverling	10911	Laughing Lumberjack Lager	15
2	Fuller	10912	Queso Cabrales	40
2	Fuller	10912	Thüringer Rostbratwurst	60
4	Peacock	10913	Chef Anton's Cajun Seasoning	30
4	Peacock	10913	Geitost	40
4	Peacock	10913	Escargots de Bourgogne	15
6	Suyama	10914	Flotemysost	25
2	Fuller	10915	Alice Mutton	10
2	Fuller	10915	Geitost	30
2	Fuller	10915	Tourtière	10
1	Davolio	10916	Pavlova	6
1	Davolio	10916	Mascarpone Fabioli	6
1	Davolio	10916	Ravioli Angelo	20
4	Peacock	10917	Nord-Ost Matjeshering	1
4	Peacock	10917	Camembert Pierrot	10
3	Leverling	10918	Chai	60
3	Leverling	10918	Camembert Pierrot	25
2	Fuller	10919	Pavlova	24
2	Fuller	10919	NuNuCa Nuß-Nougat-Creme	24
2	Fuller	10919	Boston Crab Meat	20
4	Peacock	10920	Valkoinen suklaa	24
1	Davolio	10921	Steeleye Stout	10
1	Davolio	10921	Vegie-spread	40
5	Buchanan	10922	Alice Mutton	15
5	Buchanan	10922	Guaraná Fantástica	35
7	King	10923	Singaporean Hokkien Fried Mee	10
7	King	10923	Ipoh Coffee	10
7	King	10923	Laughing Lumberjack Lager	24
3	Leverling	10924	Ikura	20
3	Leverling	10924	Rössle Sauerkraut	30
3	Leverling	10924	Rhönbräu Klosterbier	6
3	Leverling	10925	Inlagd Sill	25

3	Leverling	10925	Filo Mix	12
4	Peacock	10926	Queso Cabrales	2
4	Peacock	10926	Konbu	10
4	Peacock	10926	Teatime Chocolate Biscuits	7
4	Peacock	10926	Mozzarella di Giovanni	10
4	Peacock	10927	Sir Rodney's Marmalade	5
4	Peacock	10927	Filo Mix	5
4	Peacock	10927	Lakkalikööri	20
1	Davolio	10928	Zaanse koeken	5
1	Davolio	10928	Lakkalikööri	5
6	Suyama	10929	Sir Rodney's Scones	60
6	Suyama	10929	Rhönbräu Klosterbier	49
6	Suyama	10929	Original Frankfurter grüne Soße	15
4	Peacock	10930	Sir Rodney's Scones	36
4	Peacock	10930	Schoggi Schokolade	25
4	Peacock	10930	Pâté chinois	25
4	Peacock	10930	Escargots de Bourgogne	30
4	Peacock	10931	Konbu	42
4	Peacock	10931	Ravioli Angelo	30
8	Callahan	10932	Pavlova	30
8	Callahan	10932	Tarte au sucre	14
8	Callahan	10932	Mozzarella di Giovanni	16
8	Callahan	10932	Rhönbräu Klosterbier	20
6	Suyama	10933	Perth Pasties	2
6	Suyama	10933	Sirop d'érable	30
3	Leverling	10934	Grandma's Boysenberry Spread	20
4	Peacock	10935	Chai	21
4	Peacock	10935	Carnarvon Tigers	4
4	Peacock	10935	Tunnbröd	8
3	Leverling	10936	Inlagd Sill	30
7	King	10937	Rössle Sauerkraut	8
7	King	10937	Sasquatch Ale	20
3	Leverling	10938	Konbu	20
3	Leverling	10938	Ipoh Coffee	24
3	Leverling	10938	Camembert Pierrot	49
3	Leverling	10938	Flotemysost	35
2	Fuller	10939	Chang	10
2	Fuller	10939	Laughing Lumberjack Lager	40
8	Callahan	10940	Uncle Bob's Organic Dried Pears	8
8	Callahan	10940	Konbu	20

7	King	10941	Gorgonzola Telino	44
7	King	10941	Tarte au sucre	30
7	King	10941	Scottish Longbreads	80
7	King	10941	Mozzarella di Giovanni	50
9	Dodsworth	10942	Maxilaku	28
4	Peacock	10943	Konbu	15
4	Peacock	10943	Gustaf's Knäckebröd	21
4	Peacock	10943	Spegesild	15
6	Suyama	10944	Queso Cabrales	5
6	Suyama	10944	Gula Malacca	18
6	Suyama	10944	Gnocchi di nonna Alice	18
4	Peacock	10945	Konbu	20
4	Peacock	10945	Gorgonzola Telino	10
1	Davolio	10946	Ikura	25
1	Davolio	10946	Guaraná Fantástica	25
1	Davolio	10946	Original Frankfurter grüne Soße	40
3	Leverling	10947	Raclette Courdavault	4
3	Leverling	10948	Valkoinen suklaa	9
3	Leverling	10948	Manjimup Dried Apples	40
3	Leverling	10948	Pâté chinois	4
2	Fuller	10949	Grandma's Boysenberry Spread	12
2	Fuller	10949	Ikura	30
2	Fuller	10949	Alice Mutton	6
2	Fuller	10949	Tarte au sucre	60
1	Davolio	10950	Chef Anton's Cajun Seasoning	5
9	Dodsworth	10951	Geitost	15
9	Dodsworth	10951	Jack's New England Clam Chowder	6
9	Dodsworth	10951	Rhönbräu Klosterbier	50
1	Davolio	10952	Grandma's Boysenberry Spread	16
1	Davolio	10952	Rössle Sauerkraut	2
9	Dodsworth	10953	Sir Rodney's Marmalade	50
9	Dodsworth	10953	Gorgonzola Telino	50
5	Buchanan	10954	Pavlova	28
5	Buchanan	10954	Gorgonzola Telino	25
5	Buchanan	10954	Rogede sild	30
5	Buchanan	10954	Camembert Pierrot	24
8	Callahan	10955	Rhönbräu Klosterbier	12
6	Suyama	10956	Sir Rodney's Scones	12
6	Suyama	10956	Zaanse koeken	14
6	Suyama	10956	Manjimup Dried Apples	8

8	Callahan	10957	Nord-Ost Matjeshering	30
8	Callahan	10957	Steeleye Stout	40
8	Callahan	10957	Wimmers gute Semmelknödel	8
7	King	10958	Chef Anton's Gumbo Mix	20
7	King	10958	Uncle Bob's Organic Dried Pears	6
7	King	10958	Mozzarella di Giovanni	5
6	Suyama	10959	Rhönbräu Klosterbier	20
3	Leverling	10960	Guaraná Fantástica	10
3	Leverling	10960	Jack's New England Clam Chowder	24
8	Callahan	10961	Filo Mix	6
8	Callahan	10961	Lakkalikööri	60
8	Callahan	10962	Uncle Bob's Organic Dried Pears	45
8	Callahan	10962	Konbu	77
8	Callahan	10962	Perth Pasties	20
8	Callahan	10962	Gudbrandsdalsost	9
8	Callahan	10962	Lakkalikööri	44
9	Dodsworth	10963	Camembert Pierrot	2
3	Leverling	10964	Carnarvon Tigers	6
3	Leverling	10964	Côte de Blaye	5
3	Leverling	10964	Gudbrandsdalsost	10
6	Suyama	10965	Manjimup Dried Apples	16
4	Peacock	10966	Gravad lax	8
4	Peacock	10966	Gnocchi di nonna Alice	12
4	Peacock	10966	Tarte au sucre	12
2	Fuller	10967	Teatime Chocolate Biscuits	12
2	Fuller	10967	Maxilaku	40
1	Davolio	10968	Queso Manchego La Pastora	30
1	Davolio	10968	Guaraná Fantástica	30
1	Davolio	10968	Wimmers gute Semmelknödel	4
1	Davolio	10969	Spegesild	9
9	Dodsworth	10970	Filo Mix	40
2	Fuller	10971	Thüringer Rostbratwurst	14
4	Peacock	10972	Alice Mutton	6
4	Peacock	10972	Geitost	7
6	Suyama	10973	Gumbär Gummibärchen	5
6	Suyama	10973	Jack's New England Clam Chowder	6
6	Suyama	10973	Rhönbräu Klosterbier	10
3	Leverling	10974	Vegie-spread	10
1	Davolio	10975	Northwoods Cranberry Sauce	16
1	Davolio	10975	Rhönbräu Klosterbier	10

1	Davolio	10976	Rössle Sauerkraut	20
8	Callahan	10977	Chartreuse verte	30
8	Callahan	10977	Zaanse koeken	30
8	Callahan	10977	Manjimup Dried Apples	10
8	Callahan	10977	Vegie-spread	20
9	Dodsworth	10978	Northwoods Cranberry Sauce	20
9	Dodsworth	10978	Sir Rodney's Scones	40
9	Dodsworth	10978	Boston Crab Meat	10
9	Dodsworth	10978	Gula Malacca	6
8	Callahan	10979	Uncle Bob's Organic Dried Pears	18
8	Callahan	10979	Queso Manchego La Pastora	20
8	Callahan	10979	Guaraná Fantástica	80
8	Callahan	10979	Schoggi Schokolade	30
8	Callahan	10979	Gorgonzola Telino	24
8	Callahan	10979	Vegie-spread	35
4	Peacock	10980	Rhönbräu Klosterbier	40
1	Davolio	10981	Côte de Blaye	60
2	Fuller	10982	Uncle Bob's Organic Dried Pears	20
2	Fuller	10982	Ipoh Coffee	9
2	Fuller	10983	Konbu	84
2	Fuller	10983	Ravioli Angelo	15
1	Davolio	10984	Pavlova	55
1	Davolio	10984	Guaraná Fantástica	20
1	Davolio	10984	Inlagd Sill	40
2	Fuller	10985	Pavlova	36
2	Fuller	10985	Carnarvon Tigers	8
2	Fuller	10985	Mascarpone Fabioli	35
8	Callahan	10986	Queso Cabrales	30
8	Callahan	10986	Sir Rodney's Marmalade	15
8	Callahan	10986	Lakkalikööri	10
8	Callahan	10986	Original Frankfurter grüne Soße	15
8	Callahan	10987	Uncle Bob's Organic Dried Pears	60
8	Callahan	10987	Ipoh Coffee	6
8	Callahan	10987	Mozzarella di Giovanni	20
3	Leverling	10988	Uncle Bob's Organic Dried Pears	60
3	Leverling	10988	Tarte au sucre	40
2	Fuller	10989	Grandma's Boysenberry Spread	40
2	Fuller	10989	Queso Cabrales	15
2	Fuller	10989	Jack's New England Clam Chowder	4
2	Fuller	10990	Sir Rodney's Scones	65

2	Fuller	10990	Sasquatch Ale	60
2	Fuller	10990	Pâté chinois	65
2	Fuller	10990	Sirop d'érable	66
1	Davolio	10991	Chang	50
1	Davolio	10991	Outback Lager	20
1	Davolio	10991	Lakkalikööri	90
1	Davolio	10992	Mozzarella di Giovanni	2
7	King	10993	Thüringer Rostbratwurst	50
7	King	10993	Jack's New England Clam Chowder	35
2	Fuller	10994	Raclette Courdavault	18
1	Davolio	10995	Manjimup Dried Apples	20
1	Davolio	10995	Camembert Pierrot	4
4	Peacock	10996	Singaporean Hokkien Fried Mee	40
8	Callahan	10997	Mascarpone Fabioli	50
8	Callahan	10997	Spegesild	20
8	Callahan	10997	Filo Mix	20
8	Callahan	10998	Guaraná Fantástica	12
8	Callahan	10998	Sirop d'érable	7
8	Callahan	10998	Longlife Tofu	20
8	Callahan	10998	Rhönbräu Klosterbier	30
6	Suyama	10999	Jack's New England Clam Chowder	20
6	Suyama	10999	Manjimup Dried Apples	15
6	Suyama	10999	Original Frankfurter grüne Soße	21
2	Fuller	11000	Chef Anton's Cajun Seasoning	25
2	Fuller	11000	Guaraná Fantástica	30
2	Fuller	11000	Original Frankfurter grüne Soße	30
2	Fuller	11001	Uncle Bob's Organic Dried Pears	60
2	Fuller	11001	Gustaf's Knäckebröd	25
2	Fuller	11001	Spegesild	25
2	Fuller	11001	Pâté chinois	6
4	Peacock	11002	Konbu	56
4	Peacock	11002	Steeleye Stout	15
4	Peacock	11002	Singaporean Hokkien Fried Mee	24
4	Peacock	11002	Pâté chinois	40
3	Leverling	11003	Chai	4
3	Leverling	11003	Boston Crab Meat	10
3	Leverling	11003	Filo Mix	10
3	Leverling	11004	Gumbär Gummibärchen	6
3	Leverling	11004	Lakkalikööri	6
2	Fuller	11005	Chai	2

2	Fuller	11005	Raclette Courdavault	10
3	Leverling	11006	Chai	8
3	Leverling	11006	Thüringer Rostbratwurst	2
8	Callahan	11007	Northwoods Cranberry Sauce	30
8	Callahan	11007	Thüringer Rostbratwurst	10
8	Callahan	11007	Singaporean Hokkien Fried Mee	14
7	King	11008	Rössle Sauerkraut	70
7	King	11008	Sasquatch Ale	90
7	King	11008	Flotemysost	21
2	Fuller	11009	Guaraná Fantástica	12
2	Fuller	11009	Inlagd Sill	18
2	Fuller	11009	Camembert Pierrot	9
2	Fuller	11010	Uncle Bob's Organic Dried Pears	20
2	Fuller	11010	Guaraná Fantástica	10
3	Leverling	11011	Escargots de Bourgogne	40
3	Leverling	11011	Flotemysost	20
1	Davolio	11012	Teatime Chocolate Biscuits	50
1	Davolio	11012	Camembert Pierrot	36
1	Davolio	11012	Flotemysost	60
2	Fuller	11013	Tunnbröd	10
2	Fuller	11013	Singaporean Hokkien Fried Mee	4
2	Fuller	11013	Rogede sild	20
2	Fuller	11013	Scottish Longbreads	2
2	Fuller	11014	Jack's New England Clam Chowder	28
2	Fuller	11015	Nord-Ost Matjeshering	15
2	Fuller	11015	Original Frankfurter grüne Soße	18
9	Dodsworth	11016	Gorgonzola Telino	15
9	Dodsworth	11016	Inlagd Sill	16
9	Dodsworth	11017	Aniseed Syrup	25
9	Dodsworth	11017	Raclette Courdavault	110
9	Dodsworth	11017	Outback Lager	30
4	Peacock	11018	Queso Manchego La Pastora	20
4	Peacock	11018	Carnarvon Tigers	10
4	Peacock	11018	Gnocchi di nonna Alice	5
6	Suyama	11019	Spegesild	3
6	Suyama	11019	Maxilaku	2
2	Fuller	11020	Ikura	24
3	Leverling	11021	Chang	11
3	Leverling	11021	Sir Rodney's Marmalade	15
3	Leverling	11021	Gumbär Gummibärchen	63

3	Leverling	11021	Manjimup Dried Apples	44
3	Leverling	11021	Mozzarella di Giovanni	35
9	Dodsworth	11022	Teatime Chocolate Biscuits	35
9	Dodsworth	11022	Gudbrandsdalsost	30
1	Davolio	11023	Uncle Bob's Organic Dried Pears	4
1	Davolio	11023	Ipoh Coffee	30
4	Peacock	11024	Gumbär Gummibärchen	12
4	Peacock	11024	Geitost	30
4	Peacock	11024	Louisiana Fiery Hot Pepper Sauce	21
4	Peacock	11024	Flotemysost	50
6	Suyama	11025	Chai	10
6	Suyama	11025	Konbu	20
4	Peacock	11026	Carnarvon Tigers	8
4	Peacock	11026	Manjimup Dried Apples	10
1	Davolio	11027	Guaraná Fantástica	30
1	Davolio	11027	Tarte au sucre	21
2	Fuller	11028	Pâté chinois	35
2	Fuller	11028	Raclette Courdavault	24
4	Peacock	11029	Gnocchi di nonna Alice	20
4	Peacock	11029	Vegie-spread	12
7	King	11030	Chang	100
7	King	11030	Chef Anton's Gumbo Mix	70
7	King	11030	Thüringer Rostbratwurst	60
7	King	11030	Raclette Courdavault	100
6	Suyama	11031	Chai	45
6	Suyama	11031	Konbu	80
6	Suyama	11031	Guaraná Fantástica	21
6	Suyama	11031	Wimmers gute Semmelknödel	20
6	Suyama	11031	Flotemysost	16
2	Fuller	11032	Inlagd Sill	35
2	Fuller	11032	Côte de Blaye	25
2	Fuller	11032	Raclette Courdavault	30
7	King	11033	Perth Pasties	70
7	King	11033	Gudbrandsdalsost	36
8	Callahan	11034	Sir Rodney's Scones	15
8	Callahan	11034	Gula Malacca	12
8	Callahan	11034	Sirop d'érable	6
2	Fuller	11035	Chai	10
2	Fuller	11035	Steeleye Stout	60
2	Fuller	11035	Singaporean Hokkien Fried Mee	30

2	Fuller	11035	Tourtière	10
8	Callahan	11036	Konbu	7
8	Callahan	11036	Raclette Courdavault	30
7	King	11037	Outback Lager	4
1	Davolio	11038	Boston Crab Meat	5
1	Davolio	11038	Filo Mix	2
1	Davolio	11038	Flotemysost	30
1	Davolio	11039	Rössle Sauerkraut	20
1	Davolio	11039	Steeleye Stout	24
1	Davolio	11039	Maxilaku	60
1	Davolio	11039	Ravioli Angelo	28
4	Peacock	11040	Sir Rodney's Scones	20
3	Leverling	11041	Chang	30
3	Leverling	11041	Vegie-spread	30
2	Fuller	11042	Gula Malacca	15
2	Fuller	11042	Sirop d'érable	4
5	Buchanan	11043	Queso Cabrales	10
4	Peacock	11044	Tarte au sucre	12
6	Suyama	11045	Geitost	15
6	Suyama	11045	Manjimup Dried Apples	24
8	Callahan	11046	Queso Manchego La Pastora	20
8	Callahan	11046	Mascarpone Fabioli	15
8	Callahan	11046	Steeleye Stout	18
7	King	11047	Chai	25
7	King	11047	Chef Anton's Gumbo Mix	30
7	King	11048	Scottish Longbreads	42
3	Leverling	11049	Chang	10
3	Leverling	11049	Queso Manchego La Pastora	4
8	Callahan	11050	Lakkalikööri	50
7	King	11051	Guaraná Fantástica	10
3	Leverling	11052	Ipoh Coffee	30
3	Leverling	11052	Sirop d'érable	10
2	Fuller	11053	Carnarvon Tigers	35
2	Fuller	11053	Mascarpone Fabioli	20
2	Fuller	11053	Wimmers gute Semmelknödel	25
8	Callahan	11054	Geitost	10
8	Callahan	11054	Laughing Lumberjack Lager	20
7	King	11055	Guaraná Fantástica	15
7	King	11055	NuNuCa Nuß-Nougat-Creme	15
7	King	11055	Manjimup Dried Apples	20

7	King	11055	Ravioli Angelo	20
8	Callahan	11056	Uncle Bob's Organic Dried Pears	40
8	Callahan	11056	Pâté chinois	35
8	Callahan	11056	Camembert Pierrot	50
3	Leverling	11057	Outback Lager	3
9	Dodsworth	11058	Sir Rodney's Scones	3
9	Dodsworth	11058	Camembert Pierrot	21
9	Dodsworth	11058	Sirop d'érable	4
2	Fuller	11059	Konbu	30
2	Fuller	11059	Alice Mutton	12
2	Fuller	11059	Camembert Pierrot	35
2	Fuller	11060	Camembert Pierrot	4
2	Fuller	11060	Original Frankfurter grüne Soße	10
4	Peacock	11061	Camembert Pierrot	15
4	Peacock	11062	Perth Pasties	10
4	Peacock	11062	Outback Lager	12
3	Leverling	11063	Sasquatch Ale	30
3	Leverling	11063	Boston Crab Meat	40
3	Leverling	11063	Jack's New England Clam Chowder	30
1	Davolio	11064	Alice Mutton	77
1	Davolio	11064	Jack's New England Clam Chowder	12
1	Davolio	11064	Perth Pasties	25
1	Davolio	11064	Pâté chinois	4
1	Davolio	11064	Scottish Longbreads	55
8	Callahan	11065	Nord-Ost Matjeshering	4
8	Callahan	11065	Tourtière	20
7	King	11066	Pavlova	3
7	King	11066	Teatime Chocolate Biscuits	42
7	King	11066	Sasquatch Ale	35
1	Davolio	11067	Jack's New England Clam Chowder	9
8	Callahan	11068	Rössle Sauerkraut	8
8	Callahan	11068	Ipoh Coffee	36
8	Callahan	11068	Original Frankfurter grüne Soße	28
1	Davolio	11069	Chartreuse verte	20
2	Fuller	11070	Chai	40
2	Fuller	11070	Chang	20
2	Fuller	11070	Pavlova	30
2	Fuller	11070	Gorgonzola Telino	20
1	Davolio	11071	Uncle Bob's Organic Dried Pears	15
1	Davolio	11071	Konbu	10

4	Peacock	11072	Chang	8
4	Peacock	11072	Jack's New England Clam Chowder	40
4	Peacock	11072	Valkoinen suklaa	22
4	Peacock	11072	Wimmers gute Semmelknödel	130
2	Fuller	11073	Queso Cabrales	10
2	Fuller	11073	Guaraná Fantástica	20
7	King	11074	Pavlova	14
8	Callahan	11075	Chang	10
8	Callahan	11075	Spegesild	30
8	Callahan	11075	Lakkalikööri	2
4	Peacock	11076	Grandma's Boysenberry Spread	20
4	Peacock	11076	Tofu	20
4	Peacock	11076	Teatime Chocolate Biscuits	10
1	Davolio	11077	Chang	24
1	Davolio	11077	Aniseed Syrup	4
1	Davolio	11077	Chef Anton's Cajun Seasoning	1
1	Davolio	11077	Grandma's Boysenberry Spread	1
1	Davolio	11077	Uncle Bob's Organic Dried Pears	1
1	Davolio	11077	Northwoods Cranberry Sauce	2
1	Davolio	11077	Ikura	1
1	Davolio	11077	Queso Manchego La Pastora	2
1	Davolio	11077	Konbu	4
1	Davolio	11077	Tofu	1
1	Davolio	11077	Pavlova	2
1	Davolio	11077	Sir Rodney's Marmalade	1
1	Davolio	11077	Tunnbröd	2
1	Davolio	11077	Mascarpone Fabioli	1
1	Davolio	11077	Chartreuse verte	2
1	Davolio	11077	Jack's New England Clam Chowder	3
1	Davolio	11077	Spegesild	3
1	Davolio	11077	Filo Mix	2
1	Davolio	11077	Pâté chinois	2
1	Davolio	11077	Camembert Pierrot	2
1	Davolio	11077	Wimmers gute Semmelknödel	2
1	Davolio	11077	Louisiana Hot Spiced Okra	1
1	Davolio	11077	Röd Kaviar	2
1	Davolio	11077	Rhönbräu Klosterbier	4
1	Davolio	11077	Original Frankfurter grüne Soße	2

30.) Customers with no orders

There are some customers who have never actually placed an order. Show these customers.

In [47]:

```
Select
Customers_CustomerID = Customers.CustomerID
,Orders_CustomerID = Orders.CustomerID
From Customers
left join Orders
on Orders.CustomerID = Customers.CustomerID
Where
Orders.CustomerID is null
```

(2 rows affected)

Total execution time: 00:00:00.023

Out[47]:

Customers_CustomerID	Orders_CustomerID
PARIS	NULL
FISSA	NULL

31.) Customers with no orders for EmployeeID 4

One employee (Margaret Peacock, EmployeeID 4) has placed the most orders. However, there are some customers who've never placed an order with her. Show only those customers who have never placed an order with her.

In [48]:

```sql
Select
Customers.CustomerID
,Orders.CustomerID
From Customers
left join Orders
on Orders.CustomerID = Customers.CustomerID
and Orders.EmployeeID = 4
Where
Orders.CustomerID is null
```

(16 rows affected)

Total execution time: 00:00:00.018

Out[48]:

CustomerID	CustomerID
CONSH	NULL
DUMON	NULL
FISSA	NULL
FRANR	NULL
GROSR	NULL
LAUGB	NULL
LAZYK	NULL
NORTS	NULL
PARIS	NULL
PERIC	NULL
PRINI	NULL
SANTG	NULL
SEVES	NULL
SPECD	NULL
THEBI	NULL
VINET	NULL

Advanced Problems

32.) High-value customers

We want to send all of our high-value customers a special VIP gift. We're defining high-value customers as those who've made at least 1 order with a total value (not including the discount) equal to $10,000 or more. We only want to consider orders made in the year 2016.

In [49]:

```sql
Select
Customers.CustomerID
,Customers.CompanyName
,Orders.OrderID
,TotalOrderAmount = SUM(Quantity * UnitPrice)
From Customers
Join Orders
on Orders.CustomerID = Customers.CustomerID
Join OrderDetails
on Orders.OrderID = OrderDetails.OrderID
Where
OrderDate >= '20160101'
and OrderDate < '20170101'
Group by
Customers.CustomerID
,Customers.CompanyName
,Orders.Orderid
Having Sum(Quantity * UnitPrice) > 10000
Order by TotalOrderAmount DESC
```

(6 rows affected)

Total execution time: 00:00:00.033

Out[49]:

CustomerID	CompanyName	OrderID	TotalOrderAmount
QUICK	QUICK-Stop	10865	17250.0000
SAVEA	Save-a-lot Markets	11030	16321.9000
HANAR	Hanari Carnes	10981	15810.0000
KOENE	Königlich Essen	10817	11490.7000
RATTC	Rattlesnake Canyon Grocery	10889	11380.0000
HUNGO	Hungry Owl All-Night Grocers	10897	10835.2400

33.) High-value customers - total orders

The manager has changed his mind. Instead of requiring that customers have at least one individual orders totaling
$10,000 or more, he wants to define high-value customers as those who have orders totaling $15,000
or more in 2016. How would you change the answer to the problem above?

In [50]:

```sql
Select
Customers.CustomerID
,Customers.CompanyName
--,Orders.OrderID
,TotalOrderAmount = SUM(Quantity * UnitPrice)
From Customers
Join Orders
on Orders.CustomerID = Customers.CustomerID
Join OrderDetails
on Orders.OrderID = OrderDetails.OrderID
Where
OrderDate >= '20160101'
and OrderDate < '20170101'
Group by
Customers.CustomerID
,Customers.CompanyName
--,Orders.Orderid
Having sum(Quantity * UnitPrice) > 15000
Order by TotalOrderAmount desc;
```

(9 rows affected)

Total execution time: 00:00:00.018

Out[50]:

CustomerID	CompanyName	TotalOrderAmount
SAVEA	Save-a-lot Markets	42806.2500
ERNSH	Ernst Handel	42598.9000
QUICK	QUICK-Stop	40526.9900
HANAR	Hanari Carnes	24238.0500
HUNGO	Hungry Owl All-Night Grocers	22796.3400
RATTC	Rattlesnake Canyon Grocery	21725.6000
KOENE	Königlich Essen	20204.9500
FOLKO	Folk och fä HB	15973.8500
WHITC	White Clover Markets	15278.9000

34.) High-value customers - with discount

Change the above query to use the discount when calculating high-value customers. Order by the total amount which includes the discount.

In [51]:

```sql
Select
Customers.CustomerID
,Customers.CompanyName
,TotalsWithoutDiscount = SUM(Quantity * UnitPrice)
,TotalsWithDiscount = SUM(Quantity * UnitPrice * (1- Discount))
From Customers
Join Orders
on Orders.CustomerID = Customers.CustomerID
Join OrderDetails
on Orders.OrderID = OrderDetails.OrderID
Where
OrderDate >= '20160101'
and OrderDate < '20170101'
Group by
Customers.CustomerID
,Customers.CompanyName
Having sum(Quantity * UnitPrice * (1- Discount)) > 10000
Order by TotalsWithDiscount DESC;
```

(11 rows affected)

Total execution time: 00:00:00.039

Out[51]:

CustomerID	CompanyName	TotalsWithoutDiscount	TotalsWithDiscount
ERNSH	Ernst Handel	42598.9000	41210.6500244141
QUICK	QUICK-Stop	40526.9900	37217.3150024414
SAVEA	Save-a-lot Markets	42806.2500	36310.1097793579
HANAR	Hanari Carnes	24238.0500	23821.1999893188
RATTC	Rattlesnake Canyon Grocery	21725.6000	21238.2704410553
HUNGO	Hungry Owl All-Night Grocers	22796.3400	20402.119934082
KOENE	Königlich Essen	20204.9500	19582.7739868164
WHITC	White Clover Markets	15278.9000	15278.8999862671
FOLKO	Folk och fä HB	15973.8500	13644.0674972534
SUPRD	Suprêmes délices	11862.5000	11644.5999984741
BOTTM	Bottom-Dollar Markets	12227.4000	11338.5500488281

35.) Month-end orders

At the end of the month, salespeople are likely to try much harder to get orders, to meet their month-end quotas. Show all orders made on the last day of the month. Order by EmployeeID and OrderID

In [52]:

```sql
Select
EmployeeID
,OrderID
,OrderDate
From Orders
Where OrderDate = EOMONTH(OrderDate )
Order by
EmployeeID
,OrderID
```

(24 rows affected)

Total execution time: 00:00:00.009

Out[52]:

EmployeeID	OrderID	OrderDate
1	10461	2015-02-28 00:00:00.000
1	10616	2015-07-31 00:00:00.000
2	10583	2015-06-30 00:00:00.000
2	10686	2015-09-30 00:00:00.000
2	10989	2016-03-31 00:00:00.000
2	11060	2016-04-30 00:00:00.000
3	10432	2015-01-31 00:00:00.000
3	10988	2016-03-31 00:00:00.000
3	11063	2016-04-30 00:00:00.000
4	10343	2014-10-31 00:00:00.000
4	10522	2015-04-30 00:00:00.000
4	10584	2015-06-30 00:00:00.000
4	10617	2015-07-31 00:00:00.000
4	10725	2015-10-31 00:00:00.000
4	11061	2016-04-30 00:00:00.000
4	11062	2016-04-30 00:00:00.000
5	10269	2014-07-31 00:00:00.000
6	10317	2014-09-30 00:00:00.000
7	10490	2015-03-31 00:00:00.000
8	10399	2014-12-31 00:00:00.000
8	10460	2015-02-28 00:00:00.000
8	10491	2015-03-31 00:00:00.000
8	10987	2016-03-31 00:00:00.000
9	10687	2015-09-30 00:00:00.000

36.) Orders with many line items

The Northwind mobile app developers are testing an app that customers will use to show orders. In order to make sure that even the largest orders will show up correctly on the app, they'd like some samples of orders that have lots of individual line items. Show the 10 orders with the most line items, in order of total line items.

In [53]:

```
Select top 10
Orders.OrderID
,TotalOrderDetails = count(*)
From Orders
Join OrderDetails
on Orders.OrderID = OrderDetails.OrderID
Group By Orders.OrderID
Order By count(*) desc
```

(10 rows affected)

Total execution time: 00:00:00.013

Out[53]:

OrderID	TotalOrderDetails
11077	25
10657	6
10847	6
10979	6
10273	5
10294	5
10309	5
10324	5
10325	5
10337	5

37.) Orders - random assortment

The Northwind mobile app developers would now like to just get a random assortment of orders for beta testing on their app. Show a random set of 2% of all orders.

In [54]:

```
Select top 2 percent
OrderID
From Orders
Order By NewID()
```

(17 rows affected)

Total execution time: 00:00:00.009

Out[54]:

OrderID
10553
10825
10362
10470
10870
10830
10877
10490
10398
10631
10402
10365
10413
10411
10940
10751
10698

38.) Orders - accidental double-entry

Janet Leverling, one of the salespeople, has come to you with a request. She thinks that she accidentally double-entered a line item on an order, with a different ProductID, but the same quantity. She remembers that the quantity was 60 or more. Show all the OrderIDs with line items that match this, in order of OrderID.

In [55]:

```sql
Select
OrderID
From OrderDetails
Where Quantity >= 60
Group By
OrderID
,Quantity
Having Count(*) > 1
```

(5 rows affected)

Total execution time: 00:00:00.022

Out[55]:

OrderID
10263
10263
10990
10658
11030

39.) Orders - accidental double-entry details

Based on the previous question, we now want to show details of the order, for orders that match the above criteria.

In [56]:

```sql
;with PotentialDuplicates as (
Select
OrderID
From OrderDetails
Where Quantity >= 60
Group By OrderID, Quantity
Having Count(*) > 1
)
Select
OrderID
,ProductID
,UnitPrice
,Quantity
,Discount
From OrderDetails
Where
OrderID in (Select OrderID from PotentialDuplicates)
Order by
OrderID
,Quantity
```

(16 rows affected)

Total execution time: 00:00:00.106

Out[56]:

OrderID	ProductID	UnitPrice	Quantity	Discount
10263	16	13.9000	60	0.25
10263	30	20.7000	60	0.25
10263	24	3.6000	65	0
10263	74	8.0000	65	0.25
10658	60	34.0000	55	0.05
10658	21	10.0000	60	0
10658	40	18.4000	70	0.05
10658	77	13.0000	70	0.05
10990	34	14.0000	60	0.15
10990	21	10.0000	65	0
10990	55	24.0000	65	0.15
10990	61	28.5000	66	0.15
11030	29	123.7900	60	0.25
11030	5	21.3500	70	0
11030	2	19.0000	100	0.25
11030	59	55.0000	100	0.25

40.) Orders - accidental double-entry details, derived table

Here's another way of getting the same results as in the previous problem, using a derived table instead of a CTE. However, there's a bug in this SQL. It returns 20 rows instead of 16. Correct the SQL. Problem SQL: Select OrderDetails.OrderID ,ProductID ,UnitPrice ,Quantity ,Discount From OrderDetails Join (Select OrderID From OrderDetails Where Quantity >= 60 Group By OrderID, Quantity Having Count(*) > 1) PotentialProblemOrders on PotentialProblemOrders.OrderID = OrderDetails.OrderID Order by OrderID, ProductID

In [57]:

```sql
Select
OrderDetails.OrderID
,ProductID
,UnitPrice
,Quantity
,Discount
From OrderDetails
Join (
Select distinct
OrderID
From OrderDetails
Where Quantity >= 60
Group By OrderID, Quantity
Having Count(*) > 1
) PotentialProblemOrders
on PotentialProblemOrders.OrderID = OrderDetails.OrderID
Order by OrderID, ProductID
```

(16 rows affected)

Total execution time: 00:00:00.015

Out[57]:

OrderID	ProductID	UnitPrice	Quantity	Discount
10263	16	13.9000	60	0.25
10263	24	3.6000	65	0
10263	30	20.7000	60	0.25
10263	74	8.0000	65	0.25
10658	21	10.0000	60	0
10658	40	18.4000	70	0.05
10658	60	34.0000	55	0.05
10658	77	13.0000	70	0.05
10990	21	10.0000	65	0
10990	34	14.0000	60	0.15
10990	55	24.0000	65	0.15
10990	61	28.5000	66	0.15
11030	2	19.0000	100	0.25
11030	5	21.3500	70	0
11030	29	123.7900	60	0.25
11030	59	55.0000	100	0.25

41.) Late orders

Some customers are complaining about their orders arriving late. Which orders are late?

In [58]:

```sql
Select
OrderID
,OrderDate = convert(date, OrderDate)
,RequiredDate = convert(date, RequiredDate)
,ShippedDate = convert(date, ShippedDate)
From Orders
Where
RequiredDate <= ShippedDate
```

```sql
Select
OrderID
,OrderDate = convert(date, OrderDate)
,RequiredDate = convert(date, RequiredDate)
,ShippedDate = convert(date, ShippedDate)
```

(39 rows affected)

Total execution time: 00:00:00.008

Out[58]:

OrderID	OrderDate	RequiredDate	ShippedDate
10264	2014-07-24	2014-08-21	2014-08-23
10271	2014-08-01	2014-08-29	2014-08-30
10280	2014-08-14	2014-09-11	2014-09-12
10302	2014-09-10	2014-10-08	2014-10-09
10309	2014-09-19	2014-10-17	2014-10-23
10380	2014-12-12	2015-01-09	2015-01-16
10423	2015-01-23	2015-02-06	2015-02-24
10427	2015-01-27	2015-02-24	2015-03-03
10433	2015-02-03	2015-03-03	2015-03-04
10451	2015-02-19	2015-03-05	2015-03-12
10483	2015-03-24	2015-04-21	2015-04-25
10515	2015-04-23	2015-05-07	2015-05-23
10523	2015-05-01	2015-05-29	2015-05-30
10545	2015-05-22	2015-06-19	2015-06-26
10578	2015-06-24	2015-07-22	2015-07-25
10593	2015-07-09	2015-08-06	2015-08-13
10596	2015-07-11	2015-08-08	2015-08-12
10660	2015-09-08	2015-10-06	2015-10-15
10663	2015-09-10	2015-09-24	2015-10-03
10687	2015-09-30	2015-10-28	2015-10-30
10705	2015-10-15	2015-11-12	2015-11-18
10709	2015-10-17	2015-11-14	2015-11-20
10726	2015-11-03	2015-11-17	2015-12-05
10727	2015-11-03	2015-12-01	2015-12-05
10749	2015-11-20	2015-12-18	2015-12-19
10777	2015-12-15	2015-12-29	2016-01-21
10779	2015-12-16	2016-01-13	2016-01-14
10788	2015-12-22	2016-01-19	2016-01-19
10807	2015-12-31	2016-01-28	2016-01-30
10816	2016-01-06	2016-02-03	2016-02-04
10827	2016-01-12	2016-01-26	2016-02-06
10828	2016-01-13	2016-01-27	2016-02-04
10847	2016-01-22	2016-02-05	2016-02-10
10924	2016-03-04	2016-04-01	2016-04-08
10927	2016-03-05	2016-04-02	2016-04-08
10960	2016-03-19	2016-04-02	2016-04-08
10970	2016-03-24	2016-04-07	2016-04-24

10978	2016-03-26	2016-04-23	2016-04-23
10998	2016-04-03	2016-04-17	2016-04-17

42.) Late orders - which employees?

Some salespeople have more orders arriving late than others. Maybe they're not following up on the order process, and need more training. Which salespeople have the most orders arriving late?

In [59]:

```sql
Select
Employees.EmployeeID
,LastName
,TotalLateOrders = Count(*)
From Orders
Join Employees
on Employees.EmployeeID = Orders.EmployeeID
Where
RequiredDate <= ShippedDate
Group By
Employees.EmployeeID
,Employees.LastName
Order by TotalLateOrders desc
```

(8 rows affected)

Total execution time: 00:00:00.014

Out[59]:

EmployeeID	LastName	TotalLateOrders
4	Peacock	10
3	Leverling	5
8	Callahan	5
9	Dodsworth	5
7	King	4
2	Fuller	4
1	Davolio	3
6	Suyama	3

43.) Late orders vs. total orders

Andrew, the VP of sales, has been doing some more thinking some more about the problem of late orders. He realizes that just looking at the number of orders arriving late for each salesperson isn't a good idea. It needs to be compared against the total number of orders per salesperson.

In [60]:

```sql
;With LateOrders as (
Select
EmployeeID
,TotalOrders = Count(*)
From Orders
Where
RequiredDate <= ShippedDate
Group By
EmployeeID
)
, AllOrders as (
Select
EmployeeID
,TotalOrders = Count(*)
From Orders
Group By
EmployeeID
)
Select
Employees.EmployeeID
,LastName
,AllOrders = AllOrders.TotalOrders
,LateOrders = LateOrders.TotalOrders
From Employees
Join AllOrders
on AllOrders.EmployeeID = Employees.EmployeeID
Join LateOrders
on LateOrders.EmployeeID = Employees.EmployeeID
```

(8 rows affected)

Total execution time: 00:00:00.018

Out[60]:

EmployeeID	LastName	AllOrders	LateOrders
9	Dodsworth	43	5
3	Leverling	127	5
6	Suyama	67	3
7	King	72	4
1	Davolio	123	3
4	Peacock	156	10
2	Fuller	96	4
8	Callahan	104	5

44.) Late orders vs. total orders - missing employee

There's an employee missing in the answer from the problem above. Fix the SQL to show all employees who have taken orders.

In [61]:

```sql
;With LateOrders as (
Select
EmployeeID
,TotalOrders = Count(*)
From Orders
Where
RequiredDate <= ShippedDate
Group By
EmployeeID
)
, AllOrders as (
Select
EmployeeID
,TotalOrders = Count(*)
From Orders
Group By
EmployeeID
)
Select
Employees.EmployeeID
,LastName
,AllOrders = AllOrders.TotalOrders
,LateOrders = LateOrders.TotalOrders
From Employees
Join AllOrders
on AllOrders.EmployeeID = Employees.EmployeeID
Left Join LateOrders
on LateOrders.EmployeeID = Employees.EmployeeID
```

(9 rows affected)

Total execution time: 00:00:00.016

Out[61]:

EmployeeID	LastName	AllOrders	LateOrders
9	Dodsworth	43	5
3	Leverling	127	5
6	Suyama	67	3
7	King	72	4
1	Davolio	123	3
4	Peacock	156	10
5	Buchanan	42	NULL
2	Fuller	96	4
8	Callahan	104	5

45.) Late orders vs. total orders - fix null

Continuing on the answer for above query, let's fix the results for row 5 - Buchanan. He should have a 0 instead of a Null in LateOrders.

In [62]:

```sql
;With LateOrders as (
Select
EmployeeID
,TotalOrders = Count(*)
From Orders
Where
RequiredDate <= ShippedDate
Group By
EmployeeID
)
, AllOrders as (
Select
EmployeeID
,TotalOrders = Count(*)
From Orders
Group By
EmployeeID
)
Select
Employees.EmployeeID
,LastName
,AllOrders = AllOrders.TotalOrders
,LateOrders = IsNull(LateOrders.TotalOrders, 0)
From Employees
Join AllOrders
on AllOrders.EmployeeID = Employees.EmployeeID
Left Join LateOrders
on LateOrders.EmployeeID = Employees.EmployeeID
```

(9 rows affected)

Total execution time: 00:00:00.017

Out[62]:

EmployeeID	LastName	AllOrders	LateOrders
9	Dodsworth	43	5
3	Leverling	127	5
6	Suyama	67	3
7	King	72	4
1	Davolio	123	3
4	Peacock	156	10
5	Buchanan	42	0
2	Fuller	96	4
8	Callahan	104	5

46.) Late orders vs. total orders - percentage

Now we want to get the percentage of late orders over total orders

In [63]:

```sql
;With LateOrders as (
Select
EmployeeID
,TotalOrders = Count(*)
From Orders
Where
RequiredDate <= ShippedDate
Group By
EmployeeID
)
, AllOrders as (
Select
EmployeeID
,TotalOrders = Count(*)
From Orders
Group By
EmployeeID
)
Select
Employees.EmployeeID
,LastName
,AllOrders = AllOrders.TotalOrders
,LateOrders = IsNull(LateOrders.TotalOrders, 0)
,PercentLateOrders =
(IsNull(LateOrders.TotalOrders, 0) * 1.00) / AllOrders.TotalOrders
From Employees
Join AllOrders
on AllOrders.EmployeeID = Employees.EmployeeID
Left Join LateOrders
on LateOrders.EmployeeID = Employees.EmployeeID
```

(9 rows affected)

Total execution time: 00:00:00.020

Out[63]:

EmployeeID	LastName	AllOrders	LateOrders	PercentLateOrders
9	Dodsworth	43	5	0.1162790697674
3	Leverling	127	5	0.0393700787401
6	Suyama	67	3	0.0447761194029
7	King	72	4	0.0555555555555
1	Davolio	123	3	0.0243902439024
4	Peacock	156	10	0.0641025641025
5	Buchanan	42	0	0.0000000000000
2	Fuller	96	4	0.0416666666666
8	Callahan	104	5	0.0480769230769

47.) Late orders vs. total orders - fix decimal

So now for the PercentageLateOrders, we get a decimal value like we should. But to make the output easier to read, let's cut the PercentLateOrders off at 2 digits to the right of the decimal point.

In [64]:

```
;With LateOrders as (
Select
EmployeeID
,TotalOrders = Count(*)
From Orders
Where
RequiredDate <= ShippedDate
Group By
EmployeeID
)
, AllOrders as (
Select
EmployeeID
,TotalOrders = Count(*)
From Orders
Group By
EmployeeID
)
Select
Employees.EmployeeID
,LastName
,AllOrders = AllOrders.TotalOrders
,LateOrders = IsNull(LateOrders.TotalOrders, 0)
,PercentLateOrders =
Convert(
Decimal (10,2)
,(IsNull(LateOrders.TotalOrders, 0) * 1.00) / AllOrders.TotalOrders
)
From Employees
Join AllOrders
on AllOrders.EmployeeID = Employees.EmployeeID
Left Join LateOrders
on LateOrders.EmployeeID = Employees.EmployeeID
```

(9 rows affected)

Total execution time: 00:00:00.017

Out[64]:

EmployeeID	LastName	AllOrders	LateOrders	PercentLateOrders
9	Dodsworth	43	5	0.12
3	Leverling	127	5	0.04
6	Suyama	67	3	0.04
7	King	72	4	0.06
1	Davolio	123	3	0.02
4	Peacock	156	10	0.06
5	Buchanan	42	0	0.00
2	Fuller	96	4	0.04
8	Callahan	104	5	0.05

48.) Customer grouping

Andrew Fuller, the VP of sales at Northwind, would like to do a sales campaign for existing customers. He'd like to categorize customers into groups, based on how much they ordered in 2016. Then, depending on which group the customer is in, he will target the customer with different sales materials. The customer grouping categories are 0 to 1,000, 1,000 to 5,000, 5,000 to 10,000, and over 10,000. A good starting point for this query is the answer from the problem "High-value customers - total orders. We don't want to show customers who don't have any orders in 2016. Order the results by CustomerID.

In [65]:

```sql
;with Orders2016 as (
Select
Customers.CustomerID
,Customers.CompanyName
,TotalOrderAmount = SUM(Quantity * UnitPrice)
From Customers
Join Orders
on Orders.CustomerID = Customers.CustomerID
Join OrderDetails
on Orders.OrderID = OrderDetails.OrderID
Where
OrderDate >= '20160101'
and OrderDate < '20170101'
Group by
Customers.CustomerID
,Customers.CompanyName
)
Select
CustomerID
,CompanyName
,TotalOrderAmount
,CustomerGroup =
Case
when TotalOrderAmount between 0 and 1000 then 'Low'
when TotalOrderAmount between 1001 and 5000 then 'Medium'
when TotalOrderAmount between 5001 and 10000 then 'High'
when TotalOrderAmount > 10000 then 'Very High'
End
from Orders2016
Order by CustomerID
```

(81 rows affected)

Total execution time: 00:00:00.029

Out[65]:

CustomerID	CompanyName	TotalOrderAmount	CustomerGroup
ALFKI	Alfreds Futterkiste	2302.2000	Medium
ANATR	Ana Trujillo Emparedados y helados	514.4000	Low
ANTON	Antonio Moreno Taquería	660.0000	Low
AROUT	Around the Horn	5838.5000	High
BERGS	Berglunds snabbköp	8110.5500	High
BLAUS	Blauer See Delikatessen	2160.0000	Medium
BLONP	Blondesddsl père et fils	730.0000	Low
BOLID	Bólido Comidas preparadas	280.0000	Low
BONAP	Bon app'	7185.9000	High
BOTTM	Bottom-Dollar Markets	12227.4000	Very High
BSBEV	B's Beverages	2431.0000	Medium
CACTU	Cactus Comidas para llevar	1576.8000	Medium
CHOPS	Chop-suey Chinese	4429.4000	Medium
COMMI	Comércio Mineiro	513.7500	Low
CONSH	Consolidated Holdings	931.5000	Low
DRACD	Drachenblut Delikatessen	2809.6100	Medium
DUMON	Du monde entier	860.1000	Low
EASTC	Eastern Connection	9569.3100	High
ERNSH	Ernst Handel	42598.9000	Very High
FOLKO	Folk och fä HB	15973.8500	Very High
FRANK	Frankenversand	5587.0000	High
FRANR	France restauration	2252.0600	Medium
FRANS	Franchi S.p.A.	1296.0000	Medium
FURIB	Furia Bacalhau e Frutos do Mar	68.0000	Low
GALED	Galería del gastrónomo	207.5000	Low
GODOS	Godos Cocina Típica	7064.0500	High
GOURL	Gourmet Lanchonetes	497.0000	Low
GREAL	Great Lakes Food Market	10562.5800	Very High
HANAR	Hanari Carnes	24238.0500	Very High
HILAA	HILARION-Abastos	6132.3000	High
HUNGO	Hungry Owl All-Night Grocers	22796.3400	Very High
ISLAT	Island Trading	2684.6000	Medium
KOENE	Königlich Essen	20204.9500	Very High
LACOR	La corne d'abondance	1992.0500	Medium
LAMAI	La maison d'Asie	1549.9500	Medium
LAUGB	Laughing Bacchus Wine Cellars	187.0000	Low
LEHMS	Lehmanns Marktstand	3342.8500	Medium

LETSS	Let's Stop N Shop	1450.6000	Medium
LILAS	LILA-Supermercado	5994.0600	High
LINOD	LINO-Delicateses	10085.6000	Very High
LONEP	Lonesome Pine Restaurant	1709.4000	Medium
MAGAA	Magazzini Alimentari Riuniti	1693.0000	Medium
MAISD	Maison Dewey	5000.2000	NULL
MORGK	Morgenstern Gesundkost	245.0000	Low
NORTS	North/South	45.0000	Low
OCEAN	Océano Atlántico Ltda.	3031.0000	Medium
OLDWO	Old World Delicatessen	5337.6500	High
OTTIK	Ottilies Käseladen	3012.7000	Medium
PERIC	Pericles Comidas clásicas	1496.0000	Medium
PICCO	Piccolo und mehr	4393.7500	Medium
PRINI	Princesa Isabel Vinhos	2633.9000	Medium
QUEDE	Que Delícia	1353.6000	Medium
QUEEN	Queen Cozinha	7007.6500	High
QUICK	QUICK-Stop	40526.9900	Very High
RANCH	Rancho grande	1694.7000	Medium
RATTC	Rattlesnake Canyon Grocery	21725.6000	Very High
REGGC	Reggiani Caseifici	4263.0000	Medium
RICAR	Ricardo Adocicados	7312.0000	High
RICSU	Richter Supermarkt	5497.9000	High
ROMEY	Romero y tomillo	726.8900	Low
SANTG	Santé Gourmet	3976.7500	Medium
SAVEA	Save-a-lot Markets	42806.2500	Very High
SEVES	Seven Seas Imports	1630.0000	Medium
SIMOB	Simons bistro	244.3000	Low
SPECD	Spécialités du monde	2371.0000	Medium
SPLIR	Split Rail Beer & Ale	1117.0000	Medium
SUPRD	Suprêmes délices	11862.5000	Very High
THEBI	The Big Cheese	69.6000	Low
THECR	The Cracker Box	326.0000	Low
TOMSP	Toms Spezialitäten	910.4000	Low
TORTU	Tortuga Restaurante	1874.5000	Medium
TRADH	Tradição Hipermercados	4401.6200	Medium
TRAIH	Trail's Head Gourmet Provisioners	237.9000	Low
VAFFE	Vaffeljernet	4333.5000	Medium
VICTE	Victuailles en stock	3022.0000	Medium
WANDK	Die Wandernde Kuh	1564.0000	Medium
WARTH	Wartian Herkku	300.0000	Low

WELLI	Wellington Importadora	1245.0000	Medium
WHITC	White Clover Markets	15278.9000	Very High
WILMK	Wilman Kala	1987.0000	Medium
WOLZA	Wolski Zajazd	1865.1000	Medium

49.) Customer grouping - fix null

There's a bug with the answer for the previous question. The CustomerGroup value for one of the rows is null. Fix the SQL so that there are no nulls in the CustomerGroup field.

In [67]:

```sql
;with Orders2016 as (
Select
Customers.CustomerID
,Customers.CompanyName
,TotalOrderAmount = SUM(Quantity * UnitPrice)
From Customers
Join Orders
on Orders.CustomerID = Customers.CustomerID
Join OrderDetails
on Orders.OrderID = OrderDetails.OrderID
Where
OrderDate >= '20160101'
and OrderDate < '20170101'
Group by
Customers.CustomerID
,Customers.CompanyName
)
Select
CustomerID
,CompanyName
,TotalOrderAmount
,CustomerGroup =
case
when TotalOrderAmount >= 0 and TotalOrderAmount < 1000 then 'Low'
when TotalOrderAmount >= 1000 and TotalOrderAmount < 5000 then 'Medium'
when TotalOrderAmount >= 5000 and TotalOrderAmount <10000 then 'High'
when TotalOrderAmount >= 10000 then 'Very High'
end
from Orders2016
Order by CustomerID
```

(81 rows affected)

Total execution time: 00:00:00.020

Out[67]:

CustomerID	CompanyName	TotalOrderAmount	CustomerGroup
ALFKI	Alfreds Futterkiste	2302.2000	Medium
ANATR	Ana Trujillo Emparedados y helados	514.4000	Low
ANTON	Antonio Moreno Taquería	660.0000	Low
AROUT	Around the Horn	5838.5000	High
BERGS	Berglunds snabbköp	8110.5500	High
BLAUS	Blauer See Delikatessen	2160.0000	Medium
BLONP	Blondesddsl père et fils	730.0000	Low
BOLID	Bólido Comidas preparadas	280.0000	Low
BONAP	Bon app'	7185.9000	High
BOTTM	Bottom-Dollar Markets	12227.4000	Very High
BSBEV	B's Beverages	2431.0000	Medium
CACTU	Cactus Comidas para llevar	1576.8000	Medium
CHOPS	Chop-suey Chinese	4429.4000	Medium
COMMI	Comércio Mineiro	513.7500	Low
CONSH	Consolidated Holdings	931.5000	Low
DRACD	Drachenblut Delikatessen	2809.6100	Medium
DUMON	Du monde entier	860.1000	Low
EASTC	Eastern Connection	9569.3100	High
ERNSH	Ernst Handel	42598.9000	Very High
FOLKO	Folk och fä HB	15973.8500	Very High
FRANK	Frankenversand	5587.0000	High
FRANR	France restauration	2252.0600	Medium
FRANS	Franchi S.p.A.	1296.0000	Medium
FURIB	Furia Bacalhau e Frutos do Mar	68.0000	Low
GALED	Galería del gastrónomo	207.5000	Low
GODOS	Godos Cocina Típica	7064.0500	High
GOURL	Gourmet Lanchonetes	497.0000	Low
GREAL	Great Lakes Food Market	10562.5800	Very High
HANAR	Hanari Carnes	24238.0500	Very High
HILAA	HILARION-Abastos	6132.3000	High
HUNGO	Hungry Owl All-Night Grocers	22796.3400	Very High
ISLAT	Island Trading	2684.6000	Medium
KOENE	Königlich Essen	20204.9500	Very High
LACOR	La corne d'abondance	1992.0500	Medium
LAMAI	La maison d'Asie	1549.9500	Medium
LAUGB	Laughing Bacchus Wine Cellars	187.0000	Low
LEHMS	Lehmanns Marktstand	3342.8500	Medium

LETSS	Let's Stop N Shop	1450.6000	Medium
LILAS	LILA-Supermercado	5994.0600	High
LINOD	LINO-Delicateses	10085.6000	Very High
LONEP	Lonesome Pine Restaurant	1709.4000	Medium
MAGAA	Magazzini Alimentari Riuniti	1693.0000	Medium
MAISD	Maison Dewey	5000.2000	High
MORGK	Morgenstern Gesundkost	245.0000	Low
NORTS	North/South	45.0000	Low
OCEAN	Océano Atlántico Ltda.	3031.0000	Medium
OLDWO	Old World Delicatessen	5337.6500	High
OTTIK	Ottilies Käseladen	3012.7000	Medium
PERIC	Pericles Comidas clásicas	1496.0000	Medium
PICCO	Piccolo und mehr	4393.7500	Medium
PRINI	Princesa Isabel Vinhos	2633.9000	Medium
QUEDE	Que Delícia	1353.6000	Medium
QUEEN	Queen Cozinha	7007.6500	High
QUICK	QUICK-Stop	40526.9900	Very High
RANCH	Rancho grande	1694.7000	Medium
RATTC	Rattlesnake Canyon Grocery	21725.6000	Very High
REGGC	Reggiani Caseifici	4263.0000	Medium
RICAR	Ricardo Adocicados	7312.0000	High
RICSU	Richter Supermarkt	5497.9000	High
ROMEY	Romero y tomillo	726.8900	Low
SANTG	Santé Gourmet	3976.7500	Medium
SAVEA	Save-a-lot Markets	42806.2500	Very High
SEVES	Seven Seas Imports	1630.0000	Medium
SIMOB	Simons bistro	244.3000	Low
SPECD	Spécialités du monde	2371.0000	Medium
SPLIR	Split Rail Beer & Ale	1117.0000	Medium
SUPRD	Suprêmes délices	11862.5000	Very High
THEBI	The Big Cheese	69.6000	Low
THECR	The Cracker Box	326.0000	Low
TOMSP	Toms Spezialitäten	910.4000	Low
TORTU	Tortuga Restaurante	1874.5000	Medium
TRADH	Tradição Hipermercados	4401.6200	Medium
TRAIH	Trail's Head Gourmet Provisioners	237.9000	Low
VAFFE	Vaffeljernet	4333.5000	Medium
VICTE	Victuailles en stock	3022.0000	Medium
WANDK	Die Wandernde Kuh	1564.0000	Medium
WARTH	Wartian Herkku	300.0000	Low

WELLI	Wellington Importadora	1245.0000	Medium
WHITC	White Clover Markets	15278.9000	Very High
WILMK	Wilman Kala	1987.0000	Medium
WOLZA	Wolski Zajazd	1865.1000	Medium

50.) Customer grouping with percentage

Based on the above query, show all the defined CustomerGroups, and the percentage in each. Sort by the total in each group, in descending order.

In [68]:

```sql
;with Orders2016 as (
Select
Customers.CustomerID
,Customers.CompanyName
,TotalOrderAmount = SUM(Quantity * UnitPrice)
From Customers
join Orders
on Orders.CustomerID = Customers.CustomerID
join OrderDetails
on Orders.OrderID = OrderDetails.OrderID
Where
OrderDate >= '20160101'
and OrderDate < '20170101'
Group By
Customers.CustomerID
,Customers.CompanyName
)
,CustomerGrouping as (
Select
CustomerID
,CompanyName
,TotalOrderAmount
,CustomerGroup =
case
when TotalOrderAmount >= 0 and TotalOrderAmount < 1000 then 'Low'
when TotalOrderAmount >= 1000 and TotalOrderAmount < 5000 then 'Medium'
when TotalOrderAmount >= 5000 and TotalOrderAmount <10000 then 'High'
when TotalOrderAmount >= 10000 then 'Very High'
end
from Orders2016
-- Order by CustomerID
)
Select
CustomerGroup
, TotalInGroup = Count(*)
, PercentageInGroup = Count(*) * 1.0/ (select count(*) from CustomerGrouping)
from CustomerGrouping
group by CustomerGroup
order by TotalInGroup desc
```

(4 rows affected)

Total execution time: 00:00:00.048

Out[68]:

CustomerGroup	TotalInGroup	PercentageInGroup
Medium	35	0.432098765432
Low	20	0.246913580246
High	13	0.160493827160
Very High	13	0.160493827160

51.) Customer grouping - flexible

Andrew, the VP of Sales is still thinking about how best to group customers, and define low, medium, high, and very high value customers. He now wants complete flexibility in grouping the customers, based on the dollar amount they've ordered. He doesn't want to have to edit SQL in order to change the boundaries of the customer groups. How would you write the SQL? There's a table called CustomerGroupThreshold that you will need to use. Use only orders from 2016

In [69]:

```sql
;with Orders2016 as (
Select
Customers.CustomerID
,Customers.CompanyName
,TotalOrderAmount = SUM(Quantity * UnitPrice)
From Customers
Join Orders
on Orders.CustomerID = Customers.CustomerID
Join OrderDetails
on Orders.OrderID = OrderDetails.OrderID
Where
OrderDate >= '20160101'
and OrderDate < '20170101'
Group by
Customers.CustomerID
,Customers.CompanyName
)
Select
CustomerID
,CompanyName
,TotalOrderAmount
,CustomerGroupName
from Orders2016
Join CustomerGroupThresholds
on Orders2016.TotalOrderAmount between
CustomerGroupThresholds.RangeBottom and CustomerGroupThresholds.RangeTop
Order by CustomerID
```

(81 rows affected)

Total execution time: 00:00:00.031

Out[69]:

CustomerID	CompanyName	TotalOrderAmount	CustomerGroupName
ALFKI	Alfreds Futterkiste	2302.2000	Medium
ANATR	Ana Trujillo Emparedados y helados	514.4000	Low
ANTON	Antonio Moreno Taquería	660.0000	Low
AROUT	Around the Horn	5838.5000	High
BERGS	Berglunds snabbköp	8110.5500	High
BLAUS	Blauer See Delikatessen	2160.0000	Medium
BLONP	Blondesddsl père et fils	730.0000	Low
BOLID	Bólido Comidas preparadas	280.0000	Low
BONAP	Bon app'	7185.9000	High
BOTTM	Bottom-Dollar Markets	12227.4000	Very High
BSBEV	B's Beverages	2431.0000	Medium
CACTU	Cactus Comidas para llevar	1576.8000	Medium
CHOPS	Chop-suey Chinese	4429.4000	Medium
COMMI	Comércio Mineiro	513.7500	Low
CONSH	Consolidated Holdings	931.5000	Low
DRACD	Drachenblut Delikatessen	2809.6100	Medium
DUMON	Du monde entier	860.1000	Low
EASTC	Eastern Connection	9569.3100	High
ERNSH	Ernst Handel	42598.9000	Very High
FOLKO	Folk och fä HB	15973.8500	Very High
FRANK	Frankenversand	5587.0000	High
FRANR	France restauration	2252.0600	Medium
FRANS	Franchi S.p.A.	1296.0000	Medium
FURIB	Furia Bacalhau e Frutos do Mar	68.0000	Low
GALED	Galería del gastrónomo	207.5000	Low
GODOS	Godos Cocina Típica	7064.0500	High
GOURL	Gourmet Lanchonetes	497.0000	Low
GREAL	Great Lakes Food Market	10562.5800	Very High
HANAR	Hanari Carnes	24238.0500	Very High
HILAA	HILARION-Abastos	6132.3000	High
HUNGO	Hungry Owl All-Night Grocers	22796.3400	Very High
ISLAT	Island Trading	2684.6000	Medium
KOENE	Königlich Essen	20204.9500	Very High
LACOR	La corne d'abondance	1992.0500	Medium
LAMAI	La maison d'Asie	1549.9500	Medium
LAUGB	Laughing Bacchus Wine Cellars	187.0000	Low
LEHMS	Lehmanns Marktstand	3342.8500	Medium

LETSS	Let's Stop N Shop	1450.6000	Medium
LILAS	LILA-Supermercado	5994.0600	High
LINOD	LINO-Delicateses	10085.6000	Very High
LONEP	Lonesome Pine Restaurant	1709.4000	Medium
MAGAA	Magazzini Alimentari Riuniti	1693.0000	Medium
MAISD	Maison Dewey	5000.2000	High
MORGK	Morgenstern Gesundkost	245.0000	Low
NORTS	North/South	45.0000	Low
OCEAN	Océano Atlántico Ltda.	3031.0000	Medium
OLDWO	Old World Delicatessen	5337.6500	High
OTTIK	Ottilies Käseladen	3012.7000	Medium
PERIC	Pericles Comidas clásicas	1496.0000	Medium
PICCO	Piccolo und mehr	4393.7500	Medium
PRINI	Princesa Isabel Vinhos	2633.9000	Medium
QUEDE	Que Delícia	1353.6000	Medium
QUEEN	Queen Cozinha	7007.6500	High
QUICK	QUICK-Stop	40526.9900	Very High
RANCH	Rancho grande	1694.7000	Medium
RATTC	Rattlesnake Canyon Grocery	21725.6000	Very High
REGGC	Reggiani Caseifici	4263.0000	Medium
RICAR	Ricardo Adocicados	7312.0000	High
RICSU	Richter Supermarkt	5497.9000	High
ROMEY	Romero y tomillo	726.8900	Low
SANTG	Santé Gourmet	3976.7500	Medium
SAVEA	Save-a-lot Markets	42806.2500	Very High
SEVES	Seven Seas Imports	1630.0000	Medium
SIMOB	Simons bistro	244.3000	Low
SPECD	Spécialités du monde	2371.0000	Medium
SPLIR	Split Rail Beer & Ale	1117.0000	Medium
SUPRD	Suprêmes délices	11862.5000	Very High
THEBI	The Big Cheese	69.6000	Low
THECR	The Cracker Box	326.0000	Low
TOMSP	Toms Spezialitäten	910.4000	Low
TORTU	Tortuga Restaurante	1874.5000	Medium
TRADH	Tradição Hipermercados	4401.6200	Medium
TRAIH	Trail's Head Gourmet Provisioners	237.9000	Low
VAFFE	Vaffeljernet	4333.5000	Medium
VICTE	Victuailles en stock	3022.0000	Medium
WANDK	Die Wandernde Kuh	1564.0000	Medium
WARTH	Wartian Herkku	300.0000	Low

WELLI	Wellington Importadora	1245.0000	Medium
WHITC	White Clover Markets	15278.9000	Very High
WILMK	Wilman Kala	1987.0000	Medium
WOLZA	Wolski Zajazd	1865.1000	Medium

52.) Countries with suppliers or customers

Some Northwind employees are planning a business trip, and would like to visit as many suppliers and customers as possible. For their planning, they'd like to see a list of all countries where suppliers and/or customers are based.

In [70]:

```
Select Country From Customers
Union
Select Country From Suppliers
Order by Country
```

(25 rows affected)

Total execution time: 00:00:00.018

Out[70]:

Country
Argentina
Australia
Austria
Belgium
Brazil
Canada
Denmark
Finland
France
Germany
Ireland
Italy
Japan
Mexico
Netherlands
Norway
Poland
Portugal
Singapore
Spain
Sweden
Switzerland
UK
USA
Venezuela

53.) Countries with suppliers or customers, version 2

The employees going on the business trip don't want just a raw list of countries, they want more details. We'd like to see output like the below, in the Expected Results.

In [71]:

```sql
;With SupplierCountries as
(Select Distinct Country from Suppliers)
,CustomerCountries as
(Select Distinct Country from Customers)
Select
SupplierCountry = SupplierCountries .Country
,CustomerCountry = CustomerCountries .Country
From SupplierCountries
Full Outer Join CustomerCountries
on CustomerCountries.Country = SupplierCountries.Country
```

(25 rows affected)

Total execution time: 00:00:00.011

Out[71]:

SupplierCountry	CustomerCountry
NULL	Argentina
Australia	NULL
NULL	Austria
NULL	Belgium
Brazil	Brazil
Canada	Canada
Denmark	Denmark
Finland	Finland
France	France
Germany	Germany
NULL	Ireland
Italy	Italy
Japan	NULL
NULL	Mexico
Netherlands	NULL
Norway	Norway
NULL	Poland
NULL	Portugal
Singapore	NULL
Spain	Spain
Sweden	Sweden
NULL	Switzerland
UK	UK
USA	USA
NULL	Venezuela

54.) Countries with suppliers or customers - version 3

The output of the above is improved, but it's still not ideal What we'd really like to see is the country name, the total suppliers, and the total customers.

In [72]:

```sql
;With SupplierCountries as
(Select Country , Total = Count(*) from Suppliers group by Country)
,CustomerCountries as
(Select Country , Total = Count(*) from Customers group by Country)
Select
Country = isnull( SupplierCountries.Country, CustomerCountries.Country)
,TotalSuppliers= isnull(SupplierCountries.Total,0)
,TotalCustomers= isnull(CustomerCountries.Total,0)
From SupplierCountries
Full Outer Join CustomerCountries
on CustomerCountries.Country = SupplierCountries.Country
```

(25 rows affected)

Total execution time: 00:00:00.014

Out[72]:

Country	TotalSuppliers	TotalCustomers
Argentina	0	3
Australia	2	0
Austria	0	2
Belgium	0	2
Brazil	1	9
Canada	2	3
Denmark	1	2
Finland	1	2
France	3	11
Germany	3	11
Ireland	0	1
Italy	2	3
Japan	2	0
Mexico	0	5
Netherlands	1	0
Norway	1	1
Poland	0	1
Portugal	0	2
Singapore	1	0
Spain	1	5
Sweden	2	2
Switzerland	0	2
UK	2	7
USA	4	13
Venezuela	0	4

55.) First order in each country

Looking at the Orders table—we'd like to show details for each order that was the first in that particular country, ordered by OrderID. So, we need one row per ShipCountry, and CustomerID, OrderID, and OrderDate should be of the first order from that country.

In [73]:

```sql
;with OrdersByCountry as
(
Select
ShipCountry
,CustomerID
,OrderID
,OrderDate = convert(date, OrderDate)
,RowNumberPerCountry =
Row_Number()
over (Partition by ShipCountry Order by ShipCountry, OrderID)
From Orders
)
Select
ShipCountry
,CustomerID
,OrderID
,OrderDate
From OrdersByCountry
Where
RowNumberPerCountry = 1
Order by
ShipCountry
```

(21 rows affected)

Total execution time: 00:00:00.012

Out[73]:

ShipCountry	CustomerID	OrderID	OrderDate
Argentina	OCEAN	10409	2015-01-09
Austria	ERNSH	10258	2014-07-17
Belgium	SUPRD	10252	2014-07-09
Brazil	HANAR	10250	2014-07-08
Canada	MEREP	10332	2014-10-17
Denmark	SIMOB	10341	2014-10-29
Finland	WARTH	10266	2014-07-26
France	VINET	10248	2014-07-04
Germany	TOMSP	10249	2014-07-05
Ireland	HUNGO	10298	2014-09-05
Italy	MAGAA	10275	2014-08-07
Mexico	CENTC	10259	2014-07-18
Norway	SANTG	10387	2014-12-18
Poland	WOLZA	10374	2014-12-05
Portugal	FURIB	10328	2014-10-14
Spain	ROMEY	10281	2014-08-14
Sweden	FOLKO	10264	2014-07-24
Switzerland	CHOPS	10254	2014-07-11
UK	BSBEV	10289	2014-08-26
USA	RATTC	10262	2014-07-22
Venezuela	HILAA	10257	2014-07-16

56.) Customers with multiple orders in 5 day period

There are some customers for whom freight is a major expense when ordering from Northwind. However, by batching up their orders, and making one larger order instead of multiple smaller orders in a short period of time, they could reduce their freight costs significantly. Show those customers who have made more than 1 order in a 5 day period. The sales people will use this to help customers reduce their costs.

In [74]:

```sql
Select
InitialOrder.CustomerID
,InitialOrderID = InitialOrder.OrderID
,InitialOrderDate = convert(date, InitialOrder.OrderDate)
,NextOrderID = NextOrder.OrderID
,NextOrderDate = convert(date, NextOrder.OrderDate)
,DaysBetween = datediff(dd, InitialOrder.OrderDate, NextOrder.OrderDate)
from Orders InitialOrder
join Orders NextOrder
on InitialOrder.CustomerID = NextOrder.CustomerID
where
InitialOrder.OrderID < NextOrder.OrderID
and datediff(dd, InitialOrder.OrderDate, NextOrder.OrderDate) <= 5
Order by
InitialOrder.CustomerID
,InitialOrder.OrderID
```

(71 rows affected)

Total execution time: 00:00:00.023

Out[74]:

CustomerID	InitialOrderID	InitialOrderDate	NextOrderID	NextOrderDate	DaysBetween
ANTON	10677	2015-09-22	10682	2015-09-25	3
AROUT	10741	2015-11-14	10743	2015-11-17	3
BERGS	10278	2014-08-12	10280	2014-08-14	2
BERGS	10444	2015-02-12	10445	2015-02-13	1
BERGS	10866	2016-02-03	10875	2016-02-06	3
BONAP	10730	2015-11-05	10732	2015-11-06	1
BONAP	10871	2016-02-05	10876	2016-02-09	4
BONAP	10932	2016-03-06	10940	2016-03-11	5
BOTTM	10410	2015-01-10	10411	2015-01-10	0
BOTTM	10944	2016-03-12	10949	2016-03-13	1
BOTTM	10975	2016-03-25	10982	2016-03-27	2
BOTTM	11045	2016-04-23	11048	2016-04-24	1
BSBEV	10538	2015-05-15	10539	2015-05-16	1
BSBEV	10943	2016-03-11	10947	2016-03-13	2
EASTC	11047	2016-04-24	11056	2016-04-28	4
ERNSH	10402	2015-01-02	10403	2015-01-03	1
ERNSH	10771	2015-12-10	10773	2015-12-11	1
ERNSH	10771	2015-12-10	10776	2015-12-15	5
ERNSH	10773	2015-12-11	10776	2015-12-15	4
ERNSH	10968	2016-03-23	10979	2016-03-26	3
ERNSH	11008	2016-04-08	11017	2016-04-13	5
FOLKO	10977	2016-03-26	10980	2016-03-27	1
FOLKO	10980	2016-03-27	10993	2016-04-01	5
FOLKO	10993	2016-04-01	11001	2016-04-06	5
FRANK	10670	2015-09-16	10675	2015-09-19	3
GODOS	10872	2016-02-05	10874	2016-02-06	1
GREAL	10616	2015-07-31	10617	2015-07-31	0
HANAR	10250	2014-07-08	10253	2014-07-10	2
HANAR	10922	2016-03-03	10925	2016-03-04	1
HILAA	10486	2015-03-26	10490	2015-03-31	5
HILAA	10957	2016-03-18	10960	2016-03-19	1
ISLAT	10315	2014-09-26	10318	2014-10-01	5
ISLAT	10318	2014-10-01	10321	2014-10-03	2
KOENE	10323	2014-10-07	10325	2014-10-09	2
KOENE	10456	2015-02-25	10457	2015-02-25	0
LACOR	10972	2016-03-24	10973	2016-03-24	0
LEHMS	10534	2015-05-12	10536	2015-05-14	2

LEHMS	10592	2015-07-08	10593	2015-07-09	1
LILAS	11065	2016-05-01	11071	2016-05-05	4
LINOD	10838	2016-01-19	10840	2016-01-19	0
LONEP	10662	2015-09-09	10665	2015-09-11	2
MAISD	10892	2016-02-17	10896	2016-02-19	2
MEREP	10618	2015-08-01	10619	2015-08-04	3
QUEEN	10913	2016-02-26	10914	2016-02-27	1
QUICK	10285	2014-08-20	10286	2014-08-21	1
QUICK	10691	2015-10-03	10694	2015-10-06	3
QUICK	10991	2016-04-01	10996	2016-04-02	1
RATTC	10314	2014-09-25	10316	2014-09-27	2
RICSU	10751	2015-11-24	10758	2015-11-28	4
ROMEY	10281	2014-08-14	10282	2014-08-15	1
SAVEA	10393	2014-12-25	10398	2014-12-30	5
SAVEA	10603	2015-07-18	10607	2015-07-22	4
SAVEA	10711	2015-10-21	10713	2015-10-22	1
SAVEA	10711	2015-10-21	10714	2015-10-22	1
SAVEA	10713	2015-10-22	10714	2015-10-22	0
SAVEA	10983	2016-03-27	10984	2016-03-30	3
SAVEA	11030	2016-04-17	11031	2016-04-17	0
SEVES	10800	2015-12-26	10804	2015-12-30	4
SUPRD	10841	2016-01-20	10846	2016-01-22	2
SUPRD	11035	2016-04-20	11038	2016-04-21	1
TRADH	10830	2016-01-13	10834	2016-01-15	2
TRADH	10834	2016-01-15	10839	2016-01-19	4
TRAIH	10574	2015-06-19	10577	2015-06-23	4
VICTE	10806	2015-12-31	10814	2016-01-05	5
VICTE	10843	2016-01-21	10850	2016-01-23	2
VINET	10737	2015-11-11	10739	2015-11-12	1
WARTH	10412	2015-01-13	10416	2015-01-16	3
WELLI	10803	2015-12-30	10809	2016-01-01	2
WELLI	10900	2016-02-20	10905	2016-02-24	4
WHITC	10693	2015-10-06	10696	2015-10-08	2
WILMK	10873	2016-02-06	10879	2016-02-10	4

57.) Customers with multiple orders in 5 day period, version 2

There's another way of solving the problem above, using Window functions. We would like to see the following results.

In [75]:

```sql
;With NextOrderDate as (
Select
CustomerID
,OrderDate = convert(date, OrderDate)
,NextOrderDate =
convert(
date
,Lead(OrderDate,1)
OVER (Partition by CustomerID order by CustomerID, OrderDate)
)
From Orders
)
Select
CustomerID
,OrderDate
,NextOrderDate
,DaysBetweenOrders = DateDiff (dd, OrderDate, NextOrderDate)
From NextOrderDate
Where
DateDiff (dd, OrderDate, NextOrderDate) <= 5
```

(69 rows affected)

Total execution time: 00:00:00.020

Out[75]:

CustomerID	OrderDate	NextOrderDate	DaysBetweenOrders
ANTON	2015-09-22	2015-09-25	3
AROUT	2015-11-14	2015-11-17	3
BERGS	2014-08-12	2014-08-14	2
BERGS	2015-02-12	2015-02-13	1
BERGS	2016-02-03	2016-02-06	3
BONAP	2015-11-05	2015-11-06	1
BONAP	2016-02-05	2016-02-09	4
BONAP	2016-03-06	2016-03-11	5
BOTTM	2015-01-10	2015-01-10	0
BOTTM	2016-03-12	2016-03-13	1
BOTTM	2016-03-25	2016-03-27	2
BOTTM	2016-04-23	2016-04-24	1
BSBEV	2015-05-15	2015-05-16	1
BSBEV	2016-03-11	2016-03-13	2
EASTC	2016-04-24	2016-04-28	4
ERNSH	2015-01-02	2015-01-03	1
ERNSH	2015-12-10	2015-12-11	1
ERNSH	2015-12-11	2015-12-15	4
ERNSH	2016-03-23	2016-03-26	3
ERNSH	2016-04-08	2016-04-13	5
FOLKO	2016-03-26	2016-03-27	1
FOLKO	2016-03-27	2016-04-01	5
FOLKO	2016-04-01	2016-04-06	5
FRANK	2015-09-16	2015-09-19	3
GODOS	2016-02-05	2016-02-06	1
GREAL	2015-07-31	2015-07-31	0
HANAR	2014-07-08	2014-07-10	2
HANAR	2016-03-03	2016-03-04	1
HILAA	2015-03-26	2015-03-31	5
HILAA	2016-03-18	2016-03-19	1
ISLAT	2014-09-26	2014-10-01	5
ISLAT	2014-10-01	2014-10-03	2
KOENE	2014-10-07	2014-10-09	2
KOENE	2015-02-25	2015-02-25	0
LACOR	2016-03-24	2016-03-24	0
LEHMS	2015-05-12	2015-05-14	2
LEHMS	2015-07-08	2015-07-09	1

LILAS	2016-05-01	2016-05-05	4
LINOD	2016-01-19	2016-01-19	0
LONEP	2015-09-09	2015-09-11	2
MAISD	2016-02-17	2016-02-19	2
MEREP	2015-08-01	2015-08-04	3
QUEEN	2016-02-26	2016-02-27	1
QUICK	2014-08-20	2014-08-21	1
QUICK	2015-10-03	2015-10-06	3
QUICK	2016-04-01	2016-04-02	1
RATTC	2014-09-25	2014-09-27	2
RICSU	2015-11-24	2015-11-28	4
ROMEY	2014-08-14	2014-08-15	1
SAVEA	2014-12-25	2014-12-30	5
SAVEA	2015-07-18	2015-07-22	4
SAVEA	2015-10-21	2015-10-22	1
SAVEA	2015-10-22	2015-10-22	0
SAVEA	2016-03-27	2016-03-30	3
SAVEA	2016-04-17	2016-04-17	0
SEVES	2015-12-26	2015-12-30	4
SUPRD	2016-01-20	2016-01-22	2
SUPRD	2016-04-20	2016-04-21	1
TRADH	2016-01-13	2016-01-15	2
TRADH	2016-01-15	2016-01-19	4
TRAIH	2015-06-19	2015-06-23	4
VICTE	2015-12-31	2016-01-05	5
VICTE	2016-01-21	2016-01-23	2
VINET	2015-11-11	2015-11-12	1
WARTH	2015-01-13	2015-01-16	3
WELLI	2015-12-30	2016-01-01	2
WELLI	2016-02-20	2016-02-24	4
WHITC	2015-10-06	2015-10-08	2
WILMK	2016-02-06	2016-02-10	4