Министерство науки и образования Украины

Запорожская государственная инженерная академия

Факультет информационных технологий

Кафедра программного обеспечения автоматизированных систем

Контрольная работа

по курсу

«Организация баз данных и знаний»

Вариант №15

Выполнил: студент гр. СП-06-1д

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Безверхая М. А.

Запорожье, 2009

Задание: Составить запросы к базе Northwind на языке SQL.

Схема базы данных “Northwind Traders”



Рисунок 1

1. Для заданного товара *«Mishi Kobe Niku»* выполнить проверку наличия скидки (дисконта), и выдать ее значение, если она существует. (Использовать квантор существования).
   1. *-- no quantors*
   2. **select** **distinct**
   3. Products.ProductID,
   4. Products.ProductName,
   5. [Order Details].Discount
   6. **from**
   7. Products inner join [Order Details] **on** Products.ProductID = [Order Details].ProductID
   8. **where**
   9. Discount > 0
   10. and ProductName = *'Mishi Kobe Niku'*
   11. **order** **by**
   12. Discount **desc**;
   13. *-- with quantor*
   14. **select** **distinct**
   15. p.ProductID,
   16. p.ProductName,
   17. o.Discount
   18. **from**
   19. Products p inner join [Order Details] o **on** p.ProductID = o.ProductID
   20. **where** exists(
   21. **select** \*
   22. **from** [Order Details] t
   23. **where** t.Discount > 0
   24. and t.ProductID = p.ProductID
   25. )
   26. and o.Discount > 0
   27. and p.ProductName = *'Mishi Kobe Niku'*
   28. **order** **by**
   29. o.Discount **desc**;
   30. *–- ручная оптимизация*
   31. **select** p.ProductID, p.ProductName, Discount
   32. **from**
   33. (**select** **distinct** ProductID, Discount
   34. **from** [Order Details]
   35. **where** Discount > 0
   36. and ProductID =(**select** **top** 1 ProductID **from** Products **where** ProductName = *'Mishi Kobe Niku'*)
   37. ) t inner join
   38. (**select** **top** 1 ProductID, ProductName
   39. **from** Products
   40. **where** ProductName = *'Mishi Kobe Niku'*
   41. ) p **on** t.ProductID = p.ProductID
   42. **order** **by**
   43. **Discount desc;**

ProductID ProductName Discount

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9 Mishi Kobe Niku 0,25

9 Mishi Kobe Niku 0,15

9 Mishi Kobe Niku 0,1

1. Выдать все данные о продуктах, производимых указанным производителем *«Karkki Oy»* и отсортировать их по цене
   1. **select** Products.ProductName, Products.UnitPrice
   2. **from** Products
   3. **where** Products.SupplierID =(
   4. **select** **top** 1 Suppliers.SupplierID
   5. **from** Suppliers
   6. **where** Suppliers.CompanyName = *'Karkki Oy'*
   7. )
   8. **order by** 2 **desc**;

ProductName UnitPrice

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Maxilaku 20,00

Lakkalikoori 18,00

Valkoinen suklaa 16,25

1. Выдать товары, для которых дисконт равен заданному числу 0.15
   1. **select**
   2. Products.ProductID, Products.ProductName, Products.QuantityPerUnit, Products.UnitPrice
   3. **from**
   4. Products inner join [Order Details]
   5. **on** Products.ProductID = [Order Details].ProductID
   6. **where**
   7. [Order Details].Discount = 0.15
   8. **group** **by**
   9. Products.ProductID, Products.ProductName, Products.QuantityPerUnit, Products.UnitPrice
   10. **order by** 2 **asc;**

ProductID ProductName QuantityPerUnit UnitPrice

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40 Boston Crab Meat 24 - 4 oz tins 18,40

60 Camembert Pierrot 15 - 300 g rounds 34,00

18 Carnarvon Tigers 16 kg pkg. 62,50

1 Chai 10 boxes x 20 bags 18,00

2 Chang 24 - 12 oz bottles 19,00

39 Chartreuse verte 750 cc per bottle 18,00

4 Chef Anton's Cajun Seasoning 48 - 6 oz jars 22,00

48 Chocolade 10 pkgs. 12,75

58 Escargots de Bourgogne 24 pieces 13,25

52 Filo Mix 16 - 2 kg boxes 7,00

71 Flotemysost 10 - 500 g pkgs. 21,50

33 Geitost 500 g 2,50

56 Gnocchi di nonna Alice 24 - 250 g pkgs. 38,00

31 Gorgonzola Telino 12 - 100 g pkgs 12,50

24 Guarana Fantastica 12 - 355 ml cans 4,50

69 Gudbrandsdalsost 10 kg pkg. 36,00

44 Gula Malacca 20 - 2 kg bags 19,45

26 Gumbar Gummibarchen 100 - 250 g bags 31,23

10 Ikura 12 - 200 ml jars 31,00

36 Inlagd Sill 24 - 250 g jars 19,00

43 Ipoh Coffee 16 - 500 g tins 46,00

41 Jack's New England Clam Chowder 12 - 12 oz cans 9,65

13 Konbu 2 kg box 6,00

76 Lakkalikoori 500 ml 18,00

67 Laughing Lumberjack Lager 24 - 12 oz bottles 14,00

74 Longlife Tofu 5 kg pkg. 10,00

65 Louisiana Fiery Hot Pepper Sauce 32 - 8 oz bottles 21,05

66 Louisiana Hot Spiced Okra 24 - 8 oz jars 17,00

51 Manjimup Dried Apples 50 - 300 g pkgs. 53,00

32 Mascarpone Fabioli 24 - 200 g pkgs. 32,00

49 Maxilaku 24 - 50 g pkgs. 20,00

9 Mishi Kobe Niku 18 - 500 g pkgs. 97,00

72 Mozzarella di Giovanni 24 - 200 g pkgs. 34,80

8 Northwoods Cranberry Sauce 12 - 12 oz jars 40,00

25 NuNuCa Nu?-Nougat-Creme 20 - 450 g glasses 14,00

77 Original Frankfurter grune So?e 12 boxes 13,00

70 Outback Lager 24 - 355 ml bottles 15,00

55 Pate chinois 24 boxes x 2 pies 24,00

16 Pavlova 32 - 500 g boxes 17,45

53 Perth Pasties 48 pieces 32,80

11 Queso Cabrales 1 kg pkg. 21,00

12 Queso Manchego La Pastora 10 - 500 g pkgs. 38,00

59 Raclette Courdavault 5 kg pkg. 55,00

75 Rhonbrau Klosterbier 24 - 0.5 l bottles 7,75

73 Rod Kaviar 24 - 150 g jars 15,00

45 Rogede sild 1k pkg. 9,50

28 Rossle Sauerkraut 25 - 825 g cans 45,60

34 Sasquatch Ale 24 - 12 oz bottles 14,00

42 Singaporean Hokkien Fried Mee 32 - 1 kg pkgs. 14,00

21 Sir Rodney's Scones 24 pkgs. x 4 pieces 10,00

61 Sirop d'erable 24 - 500 ml bottles 28,50

46 Spegesild 4 - 450 g glasses 12,00

35 Steeleye Stout 24 - 12 oz bottles 18,00

62 Tarte au sucre 48 pies 49,30

19 Teatime Chocolate Biscuits 10 boxes x 12 pieces 9,20

29 Thuringer Rostbratwurst 50 bags x 30 sausgs. 123,79

14 Tofu 40 - 100 g pkgs. 23,25

54 Tourtiere 16 pies 7,45

23 Tunnbrod 12 - 250 g pkgs. 9,00

7 Uncle Bob's Organic Dried Pears 12 - 1 lb pkgs. 30,00

63 Vegie-spread 15 - 625 g jars 43,90

47 Zaanse koeken 10 - 4 oz boxes 9,50

(62 row(s) affected)

1. Для заданного товара Maxilaku выполнить проверку на наличия (скидки) дисконта, и выдать его значение, если он существует. (Использовать квантор существования).
   1. *-- with quantor*
   2. **select** **distinct**
   3. p.ProductID,
   4. p.ProductName,
   5. o.Discount
   6. **from**
   7. Products p inner join [Order Details] o **on** p.ProductID = o.ProductID
   8. **where** exists(
   9. **select** \*
   10. **from** [Order Details] t
   11. **where** t.Discount > 0
   12. and t.ProductID = p.ProductID
   13. )
   14. and o.Discount > 0
   15. and p.ProductName = *'Maxilaku'*
   16. **order** **by**
   17. o.Discount **desc**;

ProductID ProductName Discount

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49 Maxilaku 0,15

49 Maxilaku 0,1

49 Maxilaku 0,05

1. Посчитать и выдать для указанного заказа 10263 цену товара с учетом дисконта, если таковой есть. (Использовать квантор существования для проверки наличия дисконта)
   1. **select**
   2. count(\*) **as** Items,
   3. SUM(CONVERT(**money**,(UnitPrice \* Quantity) \*(1 - Discount) / 100) \* 100) **AS** Subtotal
   4. **from** [Order Details]
   5. **where** [Order Details].OrderID = 10263

Items Subtotal

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4 1873,80

(1 row(s) affected)

1. Выдать для указанного грузоперевозчика Speedy Express все пункты назначения (город, страна)
   1. **select** Orders.ShipCountry, Orders.ShipCity
   2. **from** Orders
   3. **where** Orders.ShipVia =
   4. (
   5. **select** **top** 1 Shippers.ShipperID
   6. **from** Shippers
   7. **where** Shippers.CompanyName = *'Speedy Express'*
   8. )
   9. **group** **by** Orders.ShipCountry, Orders.ShipCity
   10. **order by** 1 **asc**, 2 **asc;**

ShipCountry ShipCity

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Argentina Buenos Aires

Austria Graz

Austria Salzburg

Belgium Bruxelles

Belgium Charleroi

Brazil Campinas

Brazil Resende

Brazil Rio de Janeiro

Brazil Sao Paulo

Canada Montréal

Canada Tsawassen

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USA Seattle

Venezuela Barquisimeto

Venezuela I. de Margarita

Venezuela San Cristóbal

(65 row(s) affected)

1. Найти заказчиков, не делавших заказы в указанный период 1996 год
   1. **select** \*
   2. **from** Customers
   3. **where** Customers.CustomerID not in
   4. (
   5. **select** Orders.CustomerID
   6. **from** Orders
   7. **where** Year(Orders.OrderDate) = 1996
   8. **)**

CustomerID CompanyName

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ALFKI Alfreds Futterkiste

BLAUS Blauer See Delikatessen

CACTU Cactus Comidas para llevar

CONSH Consolidated Holdings

FISSA FISSA Fabrica Inter. Salchichas S.A.

FOLIG Folies gourmandes

FRANR France restauration

FRANS Franchi S.p.A.

GOURL Gourmet Lanchonetes

GREAL Great Lakes Food Market

LACOR La corne d'abondance

LAUGB Laughing Bacchus Wine Cellars

LAZYK Lazy K Kountry Store

LETSS Let's Stop N Shop

LINOD LINO-Delicateses

MAISD Maison Dewey

NORTS North/South

OCEAN Oceano Atlantico Ltda.

PARIS Paris specialites

RANCH Rancho grande

SPECD Specialites du monde

THECR The Cracker Box

TRAIH Trail's Head Gourmet Provisioners

WILMK Wilman Kala

(24 row(s) affected)

1. Выдать общую стоимость заказов для каждого продавца за указанный период времени — лето 1996 года
   1. **select**
   2. Orders.EmployeeID,
   3. Employees.LastName, Employees.FirstName,
   4. SUM(Subtotal) **as** Total
   5. **from**
   6. Employees inner join(
   7. Orders inner join [Order Subtotals]
   8. **on** Orders.OrderID = [Order Subtotals].OrderID)
   9. **on** Employees.EmployeeID = Orders.EmployeeID
   10. **where**
   11. Orders.OrderDate between *'1996-06-01 00:00:00'* and *'1996-08-31 23:59:59'*
   12. **group** **by**
   13. Orders.EmployeeID, Employees.LastName, Employees.FirstName
   14. **order** **by**
   15. 2 **asc**, 3 **asc**;

EmployeeID LastName FirstName Total

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5 Buchanan Steven 1638,82

8 Callahan Laura 9949,00

1 Davolio Nancy 7170,78

9 Dodsworth Anne 4364,30

2 Fuller Andrew 2990,00

7 King Robert 479,40

3 Leverling Janet 6415,30

4 Peacock Margaret 15240,43

6 Suyama Michael 5099,15

(9 row(s) affected)

1. Определить наиболее успешных продавцов. Успешность определяется количеством заказов.
   1. */\**
   2. *'distinct' in the Count tells to count distinct NONNULL rows, so the worse seller gets 0 becouse of nulls in joined columns, added by left join)*
   3. *\*/*
   4. **select**
   5. count(**distinct** OrderID) **as** [HowManyOrder],
   6. Employees.FirstName,
   7. Employees.LastName
   8. **from**
   9. Employees left join Orders
   10. **on** Employees.EmployeeID = Orders.EmployeeID
   11. **group** **by**
   12. Employees.EmployeeID,
   13. Employees.FirstName,
   14. Employees.LastName
   15. **order** **by**
   16. 1 **desc**;

HowManyOrder FirstName LastName

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156 Margaret Peacock

127 Janet Leverling

123 Nancy Davolio

104 Laura Callahan

96 Andrew Fuller

72 Robert King

67 Michael Suyama

43 Anne Dodsworth

42 Steven Buchanan

(9 row(s) affected)

1. Выдать заказчиков (имя компании, город, регион, почтовый индекс и страну), которые делали заказы в 1996 году и данные о служащих, которые их обслуживали (ФИО, город, регион, почтовый индекс и страну).
   1. **select**
   2. Customers.CompanyName **as** [Company name],
   3. Customers.City **as** [Company city],
   4. Customers.Region **as** [Ñompany region],
   5. Customers.PostalCode **as** [Company ZIP],
   6. Customers.Country **as** [Company country],
   8. (Employees.FirstName + *' '* + Employees.LastName) **as** [Employee name],
   9. Employees.Country **as** [Employee country],
   10. Employees.Region **as** [Employee region],
   11. Employees.PostalCode **as** [Employee ZIP]
   12. **from**
   13. Employees inner join
   14. Orders **on** Employees.EmployeeID = Orders.EmployeeID inner join
   15. Customers **on** Orders.CustomerID = Customers.CustomerID
   16. **where**
   17. (YEAR(Orders.OrderDate) = 1996)
   18. **group by**
   19. Employees.EmployeeID,
   20. Employees.FirstName,
   21. Employees.LastName,
   22. Employees.Country,
   23. Employees.Region,
   24. Employees.PostalCode,
   25. Customers.CustomerID,
   26. Customers.CompanyName,
   27. Customers.City,
   28. Customers.Region,
   29. Customers.PostalCode,
   30. Customers.Country
   31. **order** **by** [Company name], [Employee name]

Company name Company city Сompany region Company ZIP Company country Employee name Employee country Employee region Employee ZIP

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Ana Trujillo Emparedados y helados Mexico D.F. NULL 05021 Mexico Robert King UK NULL RG1 9SP

Antonio Moreno Taqueria Mexico D.F. NULL 05023 Mexico Janet Leverling USA WA 98033

Around the Horn London NULL WA1 1DP UK Laura Callahan USA WA 98105

Around the Horn London NULL WA1 1DP UK Michael Suyama UK NULL EC2 7JR

Berglunds snabbkop Lulea NULL S-958 22 Sweden Andrew Fuller USA WA 98401

Berglunds snabbkop Lulea NULL S-958 22 Sweden Janet Leverling USA WA 98033

Berglunds snabbkop Lulea NULL S-958 22 Sweden Laura Callahan USA WA 98105

Blondesddsl pere et fils Strasbourg NULL 67000 France Andrew Fuller USA WA 98401

Blondesddsl pere et fils Strasbourg NULL 67000 France Margaret Peacock USA WA 98052

Blondesddsl pere et fils Strasbourg NULL 67000 France Steven Buchanan UK NULL SW1 8JR

Bolido Comidas preparadas Madrid NULL 28023 Spain Margaret Peacock USA WA 98052

Bon app' Marseille NULL 13008 France Anne Dodsworth UK NULL WG2 7LT

Bon app' Marseille NULL 13008 France Janet Leverling USA WA 98033

Bon app' Marseille NULL 13008 France Nancy Davolio USA WA 98122

Bottom-Dollar Markets Tsawassen BC T2F 8M4 Canada Margaret Peacock USA WA 98052

B's Beverages London NULL EC2 5NT UK Robert King UK NULL RG1 9SP

Centro comercial Moctezuma Mexico D.F. NULL 05022 Mexico Margaret Peacock USA WA 98052

Chop-suey Chinese Bern NULL 3012 Switzerland Michael Suyama UK NULL EC2 7JR

Chop-suey Chinese Bern NULL 3012 Switzerland Steven Buchanan UK NULL SW1 8JR

Comercio Mineiro Sao Paulo SP 05432-043 Brazil Laura Callahan USA WA 98105

Die Wandernde Kuh Stuttgart NULL 70563 Germany Andrew Fuller USA WA 98401

Die Wandernde Kuh Stuttgart NULL 70563 Germany Laura Callahan USA WA 98105

Die Wandernde Kuh Stuttgart NULL 70563 Germany Margaret Peacock USA WA 98052

Die Wandernde Kuh Stuttgart NULL 70563 Germany Michael Suyama UK NULL EC2 7JR

Drachenblut Delikatessen Aachen NULL 52066 Germany Janet Leverling USA WA 98033

Drachenblut Delikatessen Aachen NULL 52066 Germany Margaret Peacock USA WA 98052

Du monde entier Nantes NULL 44000 France Nancy Davolio USA WA 98122

Eastern Connection London NULL WX3 6FW UK Nancy Davolio USA WA 98122

Ernst Handel Graz NULL 8010 Austria Andrew Fuller USA WA 98401

Ernst Handel Graz NULL 8010 Austria Anne Dodsworth UK NULL WG2 7LT

Ernst Handel Graz NULL 8010 Austria Margaret Peacock USA WA 98052

Ernst Handel Graz NULL 8010 Austria Michael Suyama UK NULL EC2 7JR

Ernst Handel Graz NULL 8010 Austria Nancy Davolio USA WA 98122

Familia Arquibaldo Sao Paulo SP 05442-030 Brazil Anne Dodsworth UK NULL WG2 7LT

Familia Arquibaldo Sao Paulo SP 05442-030 Brazil Margaret Peacock USA WA 98052

Folk och fa HB Bracke NULL S-844 67 Sweden Andrew Fuller USA WA 98401

Folk och fa HB Bracke NULL S-844 67 Sweden Michael Suyama UK NULL EC2 7JR

Folk och fa HB Bracke NULL S-844 67 Sweden Steven Buchanan UK NULL SW1 8JR

Frankenversand Munchen NULL 80805 Germany Margaret Peacock USA WA 98052

Frankenversand Munchen NULL 80805 Germany Nancy Davolio USA WA 98122

Furia Bacalhau e Frutos do Mar Lisboa NULL 1675 Portugal Janet Leverling USA WA 98033

Furia Bacalhau e Frutos do Mar Lisboa NULL 1675 Portugal Margaret Peacock USA WA 98052

Galeria del gastronomo Barcelona NULL 08022 Spain Laura Callahan USA WA 98105

Godos Cocina Tipica Sevilla NULL 41101 Spain Robert King UK NULL RG1 9SP

GROSELLA-Restaurante Caracas DF 1081 Venezuela Laura Callahan USA WA 98105

Hanari Carnes Rio de Janeiro RJ 05454-876 Brazil Janet Leverling USA WA 98033

Hanari Carnes Rio de Janeiro RJ 05454-876 Brazil Margaret Peacock USA WA 98052

HILARION-Abastos San Cristobal Tachira 5022 Venezuela Margaret Peacock USA WA 98052

HILARION-Abastos San Cristobal Tachira 5022 Venezuela Michael Suyama UK NULL EC2 7JR

Hungry Coyote Import Store Elgin OR 97827 USA Janet Leverling USA WA 98033

Hungry Coyote Import Store Elgin OR 97827 USA Nancy Davolio USA WA 98122

Hungry Owl All-Night Grocers Cork Co. Cork NULL Ireland Janet Leverling USA WA 98033

Hungry Owl All-Night Grocers Cork Co. Cork NULL Ireland Laura Callahan USA WA 98105

Hungry Owl All-Night Grocers Cork Co. Cork NULL Ireland Margaret Peacock USA WA 98052

Hungry Owl All-Night Grocers Cork Co. Cork NULL Ireland Michael Suyama UK NULL EC2 7JR

Hungry Owl All-Night Grocers Cork Co. Cork NULL Ireland Robert King UK NULL RG1 9SP

Island Trading Cowes Isle of Wight PO31 7PJ UK Janet Leverling USA WA 98033

Island Trading Cowes Isle of Wight PO31 7PJ UK Laura Callahan USA WA 98105

Island Trading Cowes Isle of Wight PO31 7PJ UK Margaret Peacock USA WA 98052

Koniglich Essen Brandenburg NULL 14776 Germany Margaret Peacock USA WA 98052

Koniglich Essen Brandenburg NULL 14776 Germany Nancy Davolio USA WA 98122

La maison d'Asie Toulouse NULL 31000 France Michael Suyama UK NULL EC2 7JR

La maison d'Asie Toulouse NULL 31000 France Nancy Davolio USA WA 98122

La maison d'Asie Toulouse NULL 31000 France Steven Buchanan UK NULL SW1 8JR

Lehmanns Marktstand Frankfurt a.M. NULL 60528 Germany Laura Callahan USA WA 98105

Lehmanns Marktstand Frankfurt a.M. NULL 60528 Germany Margaret Peacock USA WA 98052

LILA-Supermercado Barquisimeto Lara 3508 Venezuela Janet Leverling USA WA 98033

LILA-Supermercado Barquisimeto Lara 3508 Venezuela Michael Suyama UK NULL EC2 7JR

LILA-Supermercado Barquisimeto Lara 3508 Venezuela Nancy Davolio USA WA 98122

Lonesome Pine Restaurant Portland OR 97219 USA Andrew Fuller USA WA 98401

Lonesome Pine Restaurant Portland OR 97219 USA Michael Suyama UK NULL EC2 7JR

Magazzini Alimentari Riuniti Bergamo NULL 24100 Italy Andrew Fuller USA WA 98401

Magazzini Alimentari Riuniti Bergamo NULL 24100 Italy Nancy Davolio USA WA 98122

Mere Paillarde Montreal Quebec H1J 1C3 Canada Andrew Fuller USA WA 98401

Mere Paillarde Montreal Quebec H1J 1C3 Canada Janet Leverling USA WA 98033

Mere Paillarde Montreal Quebec H1J 1C3 Canada Nancy Davolio USA WA 98122

Morgenstern Gesundkost Leipzig NULL 04179 Germany Andrew Fuller USA WA 98401

Old World Delicatessen Anchorage AK 99508 USA Laura Callahan USA WA 98105

Old World Delicatessen Anchorage AK 99508 USA Margaret Peacock USA WA 98052

Ottilies Kaseladen Koln NULL 50739 Germany Margaret Peacock USA WA 98052

Pericles Comidas clasicas Mexico D.F. NULL 05033 Mexico Laura Callahan USA WA 98105

Pericles Comidas clasicas Mexico D.F. NULL 05033 Mexico Robert King UK NULL RG1 9SP

Piccolo und mehr Salzburg NULL 5020 Austria Andrew Fuller USA WA 98401

Piccolo und mehr Salzburg NULL 5020 Austria Robert King UK NULL RG1 9SP

Princesa Isabel Vinhos Lisboa NULL 1756 Portugal Robert King UK NULL RG1 9SP

Princesa Isabel Vinhos Lisboa NULL 1756 Portugal Steven Buchanan UK NULL SW1 8JR

Que Delicia Rio de Janeiro RJ 02389-673 Brazil Andrew Fuller USA WA 98401

Que Delicia Rio de Janeiro RJ 02389-673 Brazil Margaret Peacock USA WA 98052

Que Delicia Rio de Janeiro RJ 02389-673 Brazil Michael Suyama UK NULL EC2 7JR

Queen Cozinha Sao Paulo SP 05487-020 Brazil Steven Buchanan UK NULL SW1 8JR

QUICK-Stop Cunewalde NULL 01307 Germany Andrew Fuller USA WA 98401

QUICK-Stop Cunewalde NULL 01307 Germany Janet Leverling USA WA 98033

QUICK-Stop Cunewalde NULL 01307 Germany Laura Callahan USA WA 98105

QUICK-Stop Cunewalde NULL 01307 Germany Nancy Davolio USA WA 98122

Rattlesnake Canyon Grocery Albuquerque NM 87110 USA Janet Leverling USA WA 98033

Rattlesnake Canyon Grocery Albuquerque NM 87110 USA Laura Callahan USA WA 98105

Rattlesnake Canyon Grocery Albuquerque NM 87110 USA Margaret Peacock USA WA 98052

Rattlesnake Canyon Grocery Albuquerque NM 87110 USA Michael Suyama UK NULL EC2 7JR

Rattlesnake Canyon Grocery Albuquerque NM 87110 USA Nancy Davolio USA WA 98122

Reggiani Caseifici Reggio Emilia NULL 42100 Italy Margaret Peacock USA WA 98052

Ricardo Adocicados Rio de Janeiro RJ 02389-890 Brazil Laura Callahan USA WA 98105

Ricardo Adocicados Rio de Janeiro RJ 02389-890 Brazil Margaret Peacock USA WA 98052

Richter Supermarkt Geneve NULL 1203 Switzerland Anne Dodsworth UK NULL WG2 7LT

Romero y tomillo Madrid NULL 28001 Spain Margaret Peacock USA WA 98052

Romero y tomillo Madrid NULL 28001 Spain Nancy Davolio USA WA 98122

Sante Gourmet Stavern NULL 4110 Norway Nancy Davolio USA WA 98122

Save-a-lot Markets Boise ID 83720 USA Andrew Fuller USA WA 98401

Save-a-lot Markets Boise ID 83720 USA Anne Dodsworth UK NULL WG2 7LT

Save-a-lot Markets Boise ID 83720 USA Nancy Davolio USA WA 98122

Seven Seas Imports London NULL OX15 4NB UK Andrew Fuller USA WA 98401

Seven Seas Imports London NULL OX15 4NB UK Nancy Davolio USA WA 98122

Seven Seas Imports London NULL OX15 4NB UK Steven Buchanan UK NULL SW1 8JR

Simons bistro Kobenhavn NULL 1734 Denmark Robert King UK NULL RG1 9SP

Split Rail Beer & Ale Lander WY 82520 USA Laura Callahan USA WA 98105

Split Rail Beer & Ale Lander WY 82520 USA Margaret Peacock USA WA 98052

Split Rail Beer & Ale Lander WY 82520 USA Michael Suyama UK NULL EC2 7JR

Split Rail Beer & Ale Lander WY 82520 USA Nancy Davolio USA WA 98122

Split Rail Beer & Ale Lander WY 82520 USA Robert King UK NULL RG1 9SP

Supremes delices Charleroi NULL B-6000 Belgium Margaret Peacock USA WA 98052

The Big Cheese Portland OR 97201 USA Laura Callahan USA WA 98105

Toms Spezialitaten Munster NULL 44087 Germany Michael Suyama UK NULL EC2 7JR

Tortuga Restaurante Mexico D.F. NULL 05033 Mexico Laura Callahan USA WA 98105

Tortuga Restaurante Mexico D.F. NULL 05033 Mexico Nancy Davolio USA WA 98122

Tortuga Restaurante Mexico D.F. NULL 05033 Mexico Robert King UK NULL RG1 9SP

Tradicao Hipermercados Sao Paulo SP 05634-030 Brazil Nancy Davolio USA WA 98122

Vaffeljernet Arhus NULL 8200 Denmark Laura Callahan USA WA 98105

Vaffeljernet Arhus NULL 8200 Denmark Robert King UK NULL RG1 9SP

Victuailles en stock Lyon NULL 69004 France Janet Leverling USA WA 98033

Victuailles en stock Lyon NULL 69004 France Laura Callahan USA WA 98105

Vins et alcools Chevalier Reims NULL 51100 France Andrew Fuller USA WA 98401

Vins et alcools Chevalier Reims NULL 51100 France Michael Suyama UK NULL EC2 7JR

Vins et alcools Chevalier Reims NULL 51100 France Steven Buchanan UK NULL SW1 8JR

Wartian Herkku Oulu NULL 90110 Finland Janet Leverling USA WA 98033

Wartian Herkku Oulu NULL 90110 Finland Nancy Davolio USA WA 98122

Wartian Herkku Oulu NULL 90110 Finland Steven Buchanan UK NULL SW1 8JR

Wellington Importadora Resende SP 08737-363 Brazil Janet Leverling USA WA 98033

White Clover Markets Seattle WA 98128 USA Margaret Peacock USA WA 98052

White Clover Markets Seattle WA 98128 USA Steven Buchanan UK NULL SW1 8JR

Wolski Zajazd Warszawa NULL 01-012 Poland Nancy Davolio USA WA 98122

(139 row(s) affected)