



Congrats Kunal! You just solved all the Basic Select challenges in SQL!

Share with your friends:   

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorksDW2022 Execute

Object Explorer

- Connect
- dbo.AdventureWorksDWBuildVersion
- dbo.DatabaseLog
- dbo.DimAccount
- dbo.DimCurrency
- dbo.DimCustomer
  - Columns
  - Keys
  - Constraints
  - Triggers
  - Indexes
  - Statistics
- dbo.DimDate
- dbo.DimDepartmentGroup
- dbo.DimEmployee
- dbo.DimGeography
- dbo.DimOrganization
- dbo.DimProduct
- dbo.DimProductCategory
- dbo.DimProductSubcategory
- dbo.DimPromotion
- dbo.DimReseller
- dbo.DimSalesReason
- dbo.DimSalesTerritory
- dbo.DimScenario
- dbo.FactAdditionalInternationalProductC
- dbo.FactCallCenter
- dbo.FactCurrencyRate
- dbo.FactFinance
- dbo.FactInternetSales
- dbo.FactInternetSalesReason
- dbo.FactProductInventory
- dbo.FactResellerSales
- dbo.FactSalesQuota
- dbo.FactSurveyResponse
- dbo.NewFactCurrencyRate
- dbo.ProspectiveBuyer
- Views
- External Resources
- Synonyms

SQLQuery1.sql... \kunal (74)\*

```
1 SELECT *
2 FROM dbo.DimCustomer;
```

100 % No issues found

	CustomerKey	GeographyKey	CustomerAlternateKey	Title	FirstName	MiddleName	LastName	NameStyle	BirthDate	MaritalStatus	Suffix	Gender	EmailAddress	YearlyIncome	TotalChildren	NumberChildren
1	11000	26	AW00011000	NULL	Jon	V	Yang	0	1971-10-08	M	NULL	M	jon24@adventure-works.com	90000.00	2	0
2	11001	37	AW00011001	NULL	Eugene	L	Huang	0	1976-05-10	S	NULL	M	eugene10@adventure-works.com	50000.00	3	3
3	11002	31	AW00011002	NULL	Ruben	NULL	Torres	0	1971-02-09	M	NULL	M	ruben35@adventure-works.com	50000.00	3	3
4	11003	11	AW00011003	NULL	Christy	NULL	Zhu	0	1973-06-14	S	NULL	F	christy12@adventure-works.com	70000.00	0	0
5	11004	19	AW00011004	NULL	Elizabeth	NULL	Johnson	0	1979-06-05	S	NULL	F	elizabeth5@adventure-works.com	80000.00	5	5
6	11005	22	AW00011005	NULL	Julio	NULL	Ruiz	0	1976-08-01	S	NULL	M	julio1@adventure-works.com	70000.00	0	0
7	11006	8	AW00011006	NULL	Janet	G	Aharez	0	1976-12-02	S	NULL	F	janet9@adventure-works.com	70000.00	0	0
8	11007	40	AW00011007	NULL	Marco	NULL	Mehta	0	1969-11-06	M	NULL	M	marco14@adventure-works.com	60000.00	3	3
9	11008	32	AW00011008	NULL	Rob	NULL	Verhoff	0	1975-07-04	S	NULL	F	rob4@adventure-works.com	60000.00	4	4
10	11009	25	AW00011009	NULL	Shannon	C	Carlson	0	1969-09-29	S	NULL	M	shannon38@adventure-works.com	70000.00	0	0
11	11010	22	AW00011010	NULL	Jacquelyn	C	Suarez	0	1969-08-05	S	NULL	F	jacquelyn20@adventure-works.com	70000.00	0	0
12	11011	22	AW00011011	NULL	Curtis	NULL	Lu	0	1969-05-03	M	NULL	M	curtis9@adventure-works.com	60000.00	4	4
13	11012	611	AW00011012	NULL	Lauren	M	Walker	0	1979-01-14	M	NULL	F	lauren1@adventure-works.com	100000.00	2	0
14	11013	543	AW00011013	NULL	Ian	M	Jenkins	0	1979-08-03	M	NULL	M	ian47@adventure-works.com	100000.00	2	0
15	11014	634	AW00011014	NULL	Sydney	NULL	Bennett	0	1973-11-06	S	NULL	F	sydney23@adventure-works.com	100000.00	3	0
16	11015	301	AW00011015	NULL	Chloe	NULL	Young	0	1984-08-26	S	NULL	F	chloe23@adventure-works.com	30000.00	0	0
17	11016	329	AW00011016	NULL	Wyatt	L	Hill	0	1984-10-25	M	NULL	M	wyatt32@adventure-works.com	30000.00	0	0
18	11017	39	AW00011017	NULL	Shannon	NULL	Wang	0	1949-12-24	S	NULL	F	shannon1@adventure-works.com	20000.00	4	0
19	11018	32	AW00011018	NULL	Clarence	D	Rai	0	1955-10-06	S	NULL	M	clarence32@adventure-works.com	30000.00	2	0
20	11019	52	AW00011019	NULL	Luke	I	Lai	0	1983-04-04	S	NULL	M	luke18@adventure-works.com	40000.00	0	0

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (74) AdventureWorksDW2022 00:00:00 18,484 rows

SQL Server Enterprise Edition (64-bit) - Solution1

File Edit View Query Git Project Tools Extensions Window Help Search

AdventureWorksDW2022 Execute

Object Explorer

- dbo.AdventureWorksDWBuildVersion
- dbo.DatabaseLog
- dbo.DimAccount
- dbo.DimCurrency
- dbo.DimCustomer
  - Columns
  - Keys
  - Constraints
  - Triggers
  - Indexes
  - Statistics
- dbo.DimDate
- dbo.DimDepartmentGroup
- dbo.DimEmployee
- dbo.DimGeography
- dbo.DimOrganization
- dbo.DimProduct
- dbo.DimProductCategory
- dbo.DimProductSubcategory
- dbo.DimPromotion
- dbo.DimReseller
- dbo.DimSalesReason
- dbo.DimSalesTerritory
- dbo.DimScenario
- dbo.FactAdditionalInternationalProductC
- dbo.FactCallCenter
- dbo.FactCurrencyRate
- dbo.FactFinance
- dbo.FactInternetSales
- dbo.FactInternetSalesReason
- dbo.FactProductInventory
- dbo.FactResellerSales
- dbo.FactSalesQuota
- dbo.FactSurveyResponse
- dbo.NewFactCurrencyRate
- dbo.ProspectiveBuyer
- Views
- External Resources
- Synonyms

SQLQuery1.sql... (kunal (74))

```
1 SELECT *
2 FROM dbo.DimOrganization
3 where Organizationname like '%N';
4
```

100 % No issues found Ln: 1 Ch: 1 TABS CRLF

	OrganizationKey	ParentOrganizationKey	PercentageOfOwnership	OrganizationName	CurrencyKey
1	3	14	1	Northeast Division	100
2	4	14	1	Northwest Division	100
3	5	14	1	Central Division	100
4	6	14	1	Southeast Division	100
5	7	14	1	Southwest Division	100
6	8	2	.75	Canadian Division	19

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (74) AdventureWorksDW2022 00:00:00 6 rows

SQL Query Editor window showing a query executed successfully. The query filters data from the `dbo.DimGeography` table based on the `City` column, returning results for Berlin and London.

```
1 SELECT *
2 FROM dbo.DimGeography
3 where City = 'Berlin' or City = 'London';
4
```

Results (14 rows):

GeographyKey	City	StateProvinceCode	StateProvinceName	CountryRegionCode	EnglishCountryRegionName	SpanishCountryRegionName	FrenchCountryRegionName	PostalCode	SalesTerritoryKey	IpAddressLocator
114	Berlin	BB	Brandenburg	DE	Germany	Alemania	Allemagne	14197	8	198.51.100.115
123	Berlin	HE	Hessen	DE	Germany	Alemania	Allemagne	12171	8	198.51.100.124
124	Berlin	HE	Hessen	DE	Germany	Alemania	Allemagne	13441	8	198.51.100.125
125	Berlin	HE	Hessen	DE	Germany	Alemania	Allemagne	14111	8	198.51.100.126
126	Berlin	HE	Hessen	DE	Germany	Alemania	Allemagne	14129	8	198.51.100.127
138	Berlin	HH	Hamburg	DE	Germany	Alemania	Allemagne	10210	8	198.51.100.139
139	Berlin	HH	Hamburg	DE	Germany	Alemania	Allemagne	10791	8	198.51.100.140
140	Berlin	HH	Hamburg	DE	Germany	Alemania	Allemagne	12311	8	198.51.100.141
141	Berlin	HH	Hamburg	DE	Germany	Alemania	Allemagne	14111	8	198.51.100.142
152	Berlin	NW	Nordrhein-Westfalen	DE	Germany	Alemania	Allemagne	10501	8	198.51.100.153
153	Berlin	NW	Nordrhein-Westfalen	DE	Germany	Alemania	Allemagne	14197	8	198.51.100.154
163	Berlin	SL	Saarlant	DE	Germany	Alemania	Allemagne	12171	8	198.51.100.164
164	Berlin	SL	Saarlant	DE	Germany	Alemania	Allemagne	12311	8	198.51.100.165
165	Berlin	SL	Saarlant	DE	Germany	Alemania	Allemagne	14197	8	198.51.100.166

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (74) AdventureWorksDW2022 00:00:00 14 rows

SQL Server Enterprise Edition (64-bit) - Solution1

File Edit View Query Git Project Tools Extensions Window Help Search

AdventureWorksDW2022 Execute

Object Explorer

Connect: \SQLEXPRESS (SQL Server 16.0.1000 - RA)\kunal

Databases

- System Databases
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- AdventureWorks2022
- AdventureWorksDW2022
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  - Tables
  - Views
  - External Resources
  - Synonyms
  - Programmability
  - Service Broker
  - Storage
  - Security
- AdventureWorksLT2022
- Security
- Server Objects
  - Replication
  - Management
  - XEvent Profiler

SQLQuery2.sql... (kunal (52))

```
1 select*
2 from DimCustomer C
3 join dimgeography g on c.
4 geographykey = G. geographykey
5 where G.countryregioncode IN ('uk','us');
```

100 % No issues found Ln: 5 Ch: 43 TABS CRLF

Results Messages

	AddressLine2	Phone	DateFirstPurchase	CommuteDistance	GeographyKey	City	StateProvinceCode	StateProvinceName	CountryRegionCode	EnglishCountryRegionName	SpanishCountryRegionName	FrenchCountryRegionName
1	NULL	717-555-0164	2013-02-16	1-2 Miles	611	Bremerton	WA	Washington	US	United States	Estados Unidos	États-Unis
2	NULL	817-555-0195	2013-04-13	0-1 Miles	543	Lebanon	OR	Oregon	US	United States	Estados Unidos	États-Unis
3	NULL	431-555-0156	2013-03-23	1-2 Miles	634	Redmond	WA	Washington	US	United States	Estados Unidos	États-Unis
4	NULL	208-555-0142	2013-01-18	5-10 Miles	301	Burbank	CA	California	US	United States	Estados Unidos	États-Unis
5	NULL	135-555-0171	2013-02-09	5-10 Miles	329	Imperial Beach	CA	California	US	United States	Estados Unidos	États-Unis
6	NULL	622-555-0158	2013-01-23	1-2 Miles	536	Beaverton	OR	Oregon	US	United States	Estados Unidos	États-Unis
7	NULL	589-555-0185	2013-01-20	5-10 Miles	609	Bellingham	WA	Washington	US	United States	Estados Unidos	États-Unis
8	NULL	452-555-0188	2013-02-17	1-2 Miles	298	Bellflower	CA	California	US	United States	Estados Unidos	États-Unis
9	NULL	746-555-0186	2013-06-27	5-10 Miles	311	Concord	CA	California	US	United States	Estados Unidos	États-Unis
10	NULL	115-555-0183	2013-01-22	1-2 Miles	343	National City	CA	California	US	United States	Estados Unidos	États-Unis
11	NULL	961-555-0176	2013-04-03	1-2 Miles	642	Tacoma	WA	Washington	US	United States	Estados Unidos	États-Unis
12	NULL	295-555-0145	2013-01-14	1-2 Miles	325	Glendale	CA	California	US	United States	Estados Unidos	États-Unis
13	NULL	404-555-0199	2013-01-21	0-1 Miles	338	Los Angeles	CA	California	US	United States	Estados Unidos	États-Unis
14	NULL	296-555-0181	2013-05-08	5-10 Miles	326	Glendale	CA	California	US	United States	Estados Unidos	États-Unis
15	NULL	654-555-0180	2013-03-09	5-10 Miles	307	Chula Vista	CA	California	US	United States	Estados Unidos	États-Unis
16	NULL	859-555-0113	2013-01-17	1-2 Miles	359	San Diego	CA	California	US	United States	Estados Unidos	États-Unis
17	NULL	767-555-0113	2013-01-07	5-10 Miles	547	Portland	OR	Oregon	US	United States	Estados Unidos	États-Unis
18	# 21	451-555-0162	2013-01-12	5-10 Miles	634	Redmond	WA	Washington	US	United States	Estados Unidos	États-Unis
19	NULL	892-555-0184	2013-01-25	5-10 Miles	315	Downey	CA	California	US	United States	Estados Unidos	États-Unis
20	NULL	778-555-0186	2013-02-10	1-2 Miles	331	La Jolla	CA	California	US	United States	Estados Unidos	États-Unis

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RA\kunal (52) AdventureWorksDW2022 00:00:00 7,819 rows

Ready

SQL Server Enterprise Edition (64-bit) - Solution1

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

New Query Execute AdventureWorksDW2022

Object Explorer

Connect: \SQLEXPRESS (SQL Server 16.0.1000 - RAJ/kunal)

- Databases
  - System Databases
  - Database Snapshots
  - AdventureWorks2022
  - AdventureWorksDW2022
    - Database Diagrams
    - Tables
    - Views
    - External Resources
    - Synonyms
    - Programmability
    - Service Broker
    - Storage
    - Security
  - AdventureWorksLT2022
- Security
- Server Objects
- Replication
- Management
- XEvent Profiler

SQLQuery2.sql... (kunal (52))

```
1 select EnglishProductName
2 from DimProduct
3 order by EnglishProductName;
```

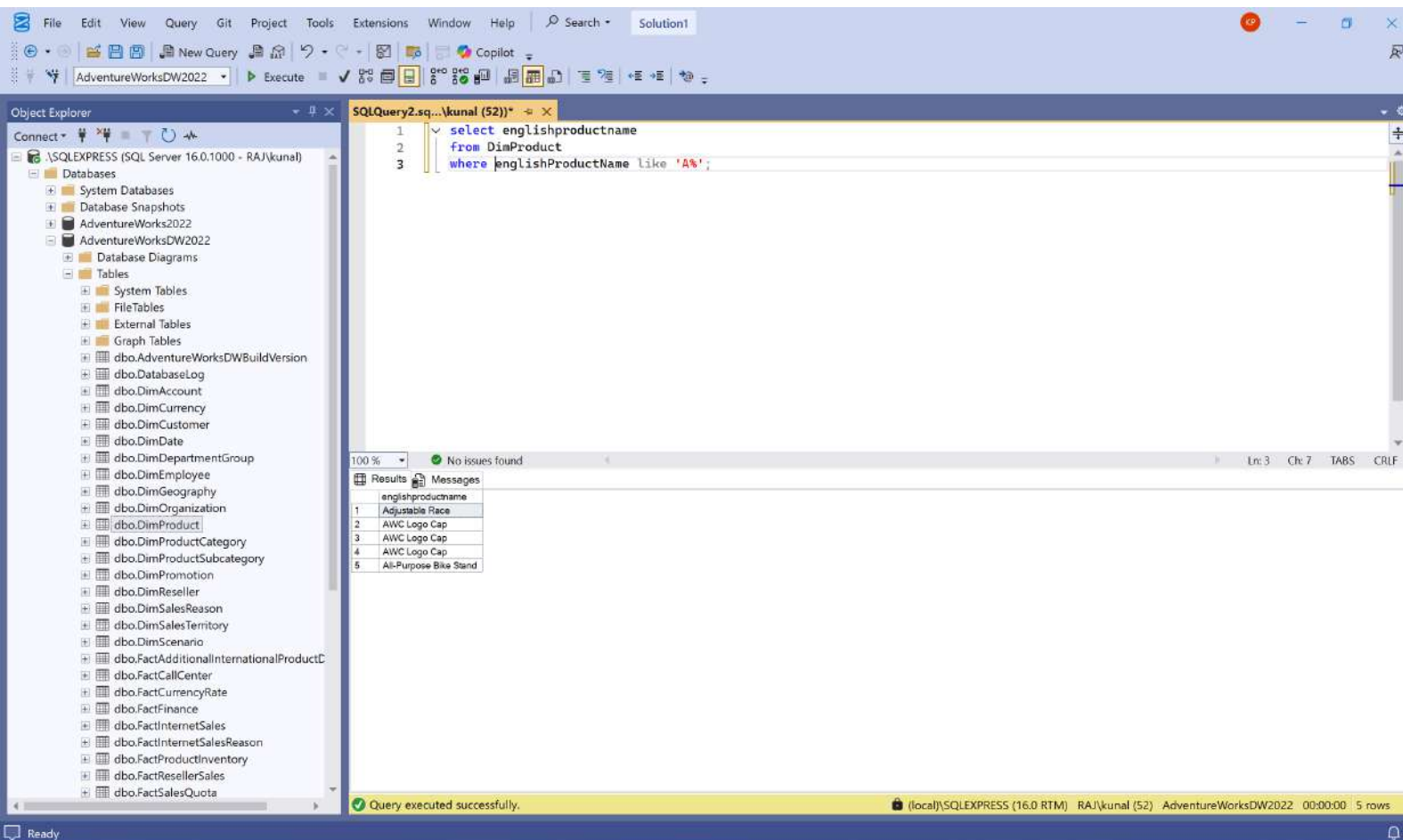
100 % No issues found

Results Messages

	EnglishProductName
1	Adjustable Race
2	All-Purpose Bike Stand
3	AWC Logo Cap
4	AWC Logo Cap
5	AWC Logo Cap
6	BS Ball Bearing
7	Bearing Ball
8	Bike Wash - Dissolver
9	Blade
10	Cable Lock
11	Chain
12	Chain Stays
13	Chainring
14	Chainring Bolts
15	Chainring Nut
16	Classic Vest, L
17	Classic Vest, M
18	Classic Vest, S
19	Cone-Shaped Race
20	Crown Race
21	Cup-Shaped Race

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ/kunal (52) AdventureWorksDW2022 00:00:00 606 rows





SQL Server Enterprise Edition (64-bit) - Solution1

File Edit View Query Git Project Tools Extensions Window Help Search

AdventureWorksDW2022 Execute

Object Explorer

Connect: \SQLEXPRESS (SQL Server 16.0.1000 - RAJ)\kunal

Databases

- System Databases
- Database Snapshots
- AdventureWorks2022
- AdventureWorksDW2022
  - Database Diagrams
  - Tables
    - System Tables
    - FileTables
    - External Tables
    - Graph Tables
    - dbo.AdventureWorksDWBuildVersion
    - dbo.DatabaseLog
    - dbo.DimAccount
    - dbo.DimCurrency
    - dbo.DimCustomer
    - dbo.DimDate
    - dbo.DimDepartmentGroup
    - dbo.DimEmployee
    - dbo.DimGeography
    - dbo.DimOrganization
    - dbo.DimProduct
    - dbo.DimProductCategory
    - dbo.DimProductSubcategory
    - dbo.DimPromotion
    - dbo.DimReseller
    - dbo.DimSalesReason
    - dbo.DimSalesTerritory
    - dbo.DimScenario
    - dbo.FactAdditionalInternationalProductC
    - dbo.FactCallCenter
    - dbo.FactCurrencyRate
    - dbo.FactFinance
    - dbo.FactInternetSales
    - dbo.FactInternetSalesReason
    - dbo.FactProductInventory
    - dbo.FactResellerSales
    - dbo.FactSalesQuota

SQLQuery2.sql... \kunal (52)

```
1 select distinct c.customerkey, c.firstname, c.lastname
2 from DimCustomer c
3 join FactInternetSales s on
4 c.CustomerKey = s.CustomerKey;
```

100 % No issues found

Results Messages

	customerkey	firstname	lastname
1	11000	Jon	Yang
2	11001	Eugene	Huang
3	11002	Ruben	Torres
4	11003	Chrisy	Zhu
5	11004	Elizabeth	Johnson
6	11005	Julio	Ruiz
7	11006	Janet	Alvarez
8	11007	Marco	Mehta
9	11008	Rob	Verhoff
10	11009	Shannon	Carlson
11	11010	Jacquelyn	Suarez
12	11011	Curtis	Lu
13	11012	Lauren	Walker
14	11013	Ian	Jenkins
15	11014	Sydney	Bennett
16	11015	Chloe	Young
17	11016	Wyatt	Hill
18	11017	Shannon	Wang
19	11018	Clarence	Rai
20	11019	Luke	Lai
21	11020	Jordan	King

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (52) AdventureWorksDW2022 00:00:00 18,484 rows

Ready



Microsoft SQL Server Enterprise Edition (64-bit) - Solution1

File Edit View Query Git Project Tools Extensions Window Help Search

AdventureWorksDW2022 Execute

Object Explorer

- AdventureWorks2022
  - AdventureWorksDW2022
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      - FileTables
      - External Tables
      - Graph Tables
      - dbo.AdventureWorksDWBuildVersion
      - dbo.DatabaseLog
      - dbo.DimAccount
      - dbo.DimCurrency
      - dbo.DimCustomer
      - dbo.DimDate
      - dbo.DimDepartmentGroup
      - dbo.DimEmployee
      - dbo.DimGeography
      - dbo.DimOrganization
      - dbo.DimProduct
      - dbo.DimProductCategory
      - dbo.DimProductSubcategory
      - dbo.DimPromotion
      - dbo.DimReseller
      - dbo.DimSalesReason
      - dbo.DimSalesTerritory
      - dbo.DimScenario
      - dbo.FactAdditionalInternationalProductE
      - dbo.FactCallCenter
      - dbo.FactCurrencyRate
      - dbo.FactFinance
      - dbo.FactInternetSales
      - dbo.FactInternetSalesReason
      - dbo.FactProductInventory
      - dbo.FactResellerSales
      - dbo.FactSalesQuota
      - dbo.FactSurveyResponse
      - dbo.NewFactCurrencyRate
      - dbo.ProspectiveBuyer
    - Views

SQLQuery2.sql... (kunal (52))

```
1 SELECT DISTINCT
2   c.CustomerKey,
3   c.FirstName,
4   c.LastName,
5   g.City,
6   p.EnglishProductName
7 FROM
8   DimCustomer AS c
9 JOIN
10  FactInternetSales AS f ON c.CustomerKey = f.CustomerKey
11 JOIN
12  DimProduct AS p ON f.ProductKey = p.ProductKey
13 JOIN
14  DimGeography AS g ON c.GeographyKey = g.GeographyKey
15 WHERE
16   g.City = 'London'
17  AND p.EnglishProductName = 'Chai';
```

Results Messages

CustomerKey	FirstName	LastName	City	EnglishProductName
-------------	-----------	----------	------	--------------------

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (52) AdventureWorksDW2022 00:00:00 0 rows

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

- External Tables
- Graph Tables
- dbo.AWBUILDVersion
- dbo.DatabaseLog
- dbo.ErrorLog
- HumanResources.Department
- HumanResources.Employee
- HumanResources.EmployeeDepartment
- HumanResources.EmployeePayHistory
- HumanResources.JobCandidate
- HumanResources.Shift
- Person.Address
- Person.AddressType
- Person.BusinessEntity
- Person.BusinessEntityAddress
- Person.BusinessEntityContact
- Person.ContactType
- Person.CountryRegion
- Person.EmailAddress
- Person.Password
- Person.Person
- Person.PersonPhone
- Person.PhoneNumberType
- Person.StateProvince
- Production.BillOfMaterials
- Production.Culture
- Production.Document
- Production.Illustration
- Production.Location
- Production.Product
- Production.ProductCategory
- Production.ProductCostHistory
- Production.ProductDescription
- Production.ProductDocument
- Production.ProductInventory
- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductModelProductDescripti

SQLQuery1.sql... (kunal (55))

```
85
86
87 select pp.FirstName pp.LastName
88 from Person.Person pp
89 LEFT JOIN Sales.Customer sc on pp.BusinessEntityID = sc.PersonID
90 LEFT JOIN Sales.SalesOrderHeader soh on sc.CustomerID = soh.CustomerID
91 where soh.SalesOrderID is null;
92 select sc.CustomerID
93 from Sales.Customer sc
94 LEFT JOIN Sales.SalesOrderHeader soh on sc.CustomerID = soh.CustomerID
95 where soh.SalesOrderID is null;
```

100 % No issues found Ln: 87 Ch: 1 SPC CRLF

Results Messages

	FirstName	LastName
1	Syed	Abbas
2	Kim	Abercrombie
3	Kim	Abercrombie
4	Hazem	Abolrous
5	Sam	Abolrous
6	Pilar	Ackerman
7	Jay	Adams
8	François	Agenostat
9	Kim	Akers
10	Kim	Akers

	CustomerID
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (55) AdventureWorks2022 00:00:00 1,554 rows

SQL Server Enterprise Edition (64-bit) - Microsoft SQL Server 16.0.1000 - RAJ\kunal

File Edit View Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

Connect - \SQLEXPRESS (SQL Server 16.0.1000 - RAJ\kunal)

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      - External Tables
      - Graph Tables
      - dbo.AWBuildVersion
      - dbo.DatabaseLog
      - dbo.ErrorLog
      - HumanResources.Department
      - HumanResources.Employee
      - HumanResources.EmployeeDepartmentHistory
      - HumanResources.EmployeePayHistory
      - HumanResources.JobCandidate
      - HumanResources.Shift
      - Person.Address
      - Person.AddressType
      - Person.BusinessEntity
      - Person.BusinessEntityAddress
      - Person.BusinessEntityContact
      - Person.ContactType
      - Person.CountryRegion
      - Person.EmailAddress
      - Person.Password
      - Person.Person
      - Person.PersonPhone
      - Person.PhoneNumberType
      - Person.StateProvince
      - Production.BillOfMaterials
      - Production.Culture
      - Production.Document
      - Production.Illustration
      - Production.Location
      - Production.Product

SQLQuery1.sql... (kunal (74))

```
1 SELECT DISTINCT
2     c.CustomerID,
3     pp.FirstName,
4     pp.LastName
5 FROM Sales.Customer AS c
6 JOIN Sales.SalesOrderHeader AS soh ON c.CustomerID = soh.CustomerID
7 JOIN Sales.SalesOrderDetail AS sod ON soh.SalesOrderID = sod.SalesOrderID
8 JOIN Production.Product AS p ON sod.ProductID = p.ProductID
9 JOIN Person.Person AS pp ON c.PersonID = pp.BusinessEntityID
10 WHERE p.Name = 'Tofu';
11
12
13
14
```

100 % No issues found

Results Messages

CustomerID	FirstName	LastName
------------	-----------	----------

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (74) AdventureWorks2022 00:00:00 0 rows

Ready

SQL Server Enterprise Edition (64-bit) - Microsoft SQL Server 16.0.10000 - RAJ\kunal

File Edit View Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

Connect - SQL Server Enterprise Edition (64-bit) - Microsoft SQL Server 16.0.10000 - RAJ\kunal

Databases

- System Databases
- Database Snapshots
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    - dbo.AWBuildVersion
    - dbo.DatabaseLog
    - dbo.ErrorLog
    - HumanResources.Department
    - HumanResources.Employee
    - HumanResources.EmployeeDepartmentHistory
    - HumanResources.EmployeePayHistory
    - HumanResources.JobCandidate
    - HumanResources.Shift
    - Person.Address
    - Person.AddressType
    - Person.BusinessEntity
    - Person.BusinessEntityAddress
    - Person.BusinessEntityContact
    - Person.ContactType
    - Person.CountryRegion
    - Person.EmailAddress
    - Person.Password
    - Person.Person
    - Person.PersonPhone
    - Person.PhoneNumberType
    - Person.StateProvince
    - Production.BillOfMaterials
    - Production.Culture
    - Production.Document
    - Production.Illustration
    - Production.Location
    - Production.Product

SQLQuery1.sql... (kunal (74))

```
1 SELECT *
2 FROM Sales.SalesOrderHeader
3 WHERE OrderDate = (SELECT MIN(OrderDate) FROM Sales.SalesOrderHeader);
4
5
6
```

Results Messages

100 % 1 0

	SalesOrderID	RevisionNumber	OrderDate	DueDate	ShipDate	Status	OnlineOrderFlag	SalesOrderNumber	PurchaseOrderNumber	AccountNumber	CustomerID	SalesPersonID	TerritoryID
1	43659	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43659	PO522145787	10-4020-000676	29825	279	5
2	43660	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43660	PO18850127500	10-4020-000117	29672	279	5
3	43661	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43661	PO18473169620	10-4020-000442	29734	282	6
4	43662	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43662	PO18444174044	10-4020-000227	29934	282	6
5	43663	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43663	PO18009186470	10-4020-000510	29565	276	4
6	43664	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43664	PO16617121983	10-4020-000397	29898	280	1
7	43665	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43665	PO16588191572	10-4020-000146	29580	283	1
8	43666	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43666	PO16008173883	10-4020-000511	30052	276	4
9	43667	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43667	PO15428132599	10-4020-000646	29974	277	3
10	43668	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43668	PO14732180295	10-4020-000514	29614	282	6
11	43669	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43669	PO14123169936	10-4020-000578	29747	283	1
12	43670	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43670	PO14384116310	10-4020-000504	29566	275	3
13	43671	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43671	PO13978119376	10-4020-000200	29890	283	1
14	43672	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43672	PO13862153537	10-4020-000119	30057	282	6
15	43673	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43673	PO13775141242	10-4020-000618	29844	275	2
16	43674	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43674	PO12760141756	10-4020-000083	29596	282	6
17	43675	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43675	PO12412186464	10-4020-000670	29827	277	3
18	43676	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43676	PO11851165059	10-4020-000017	29811	275	5
19	43677	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43677	PO11049174796	10-4020-000679	29824	278	6
20	43678	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43678	PO10817160168	10-4020-000203	29889	281	4

Query executed successfully.

(local)\SQLSERVER (16.0 RTM) - RAJ\kunal (74) AdventureWorks2022 00:00:00 43 rows

SQL Server Enterprise Edition (64-bit) - Microsoft SQL Server 16.0.10000 - RAJ\kunal

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

Connect - SQL Server Enterprise Edition (64-bit) - Microsoft SQL Server 16.0.10000 - RAJ\kunal

Databases

- System Databases
- Database Snapshots
- AdventureWorks2022
  - Database Diagrams
  - Tables
    - System Tables
    - FileTables
    - External Tables
    - Graph Tables
    - dbo.AWBuildVersion
    - dbo.DatabaseLog
    - dbo.ErrorLog
    - HumanResources.Department
    - HumanResources.Employee
    - HumanResources.EmployeeDepartmentHistory
    - HumanResources.EmployeePayHistory
    - HumanResources.JobCandidate
    - HumanResources.Shift
    - Person.Address
    - Person.AddressType
    - Person.BusinessEntity
    - Person.BusinessEntityAddress
    - Person.BusinessEntityContact
    - Person.ContactType
    - Person.CountryRegion
    - Person.EmailAddress
    - Person.Password
    - Person.Person
    - Person.PersonPhone
    - Person.PhoneNumberType
    - Person.StateProvince
    - Production.BillOfMaterials
    - Production.Culture
    - Production.Document
    - Production.Illustration
    - Production.Location
    - Production.Product

SQLQuery1.sql... (kunal (74))

```
1 SELECT *
2 FROM Sales.SalesOrderHeader
3 WHERE TotalDue = (SELECT MAX(TotalDue) FROM Sales.SalesOrderHeader);
4
5
6
```

100 % 1 0

Results Messages

	SalesOrderID	RevisionNumber	OrderDate	DueDate	ShipDate	Status	OnlineOrderFlag	SalesOrderNumber	PurchaseOrderNumber	AccountNumber	CustomerID	SalesPersonID	TerritoryID
1	51131	8	2013-05-30 00:00:00.000	2013-05-11 00:00:00.000	2013-05-06 00:00:00.000	5	0	SO61131	PO16298169856	10-4020-000599	29641	281	4

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (74) AdventureWorks2022 00:00:00 1 rows

Ready



SQL Server Enterprise Edition (64-bit) - Microsoft SQL Server 16.0.10000 - RAJ\kunal

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

Connect: \SQLEXPRESS (SQL Server 16.0.1000 - RAJ\kunal)

Databases

- System Databases
- Database Snapshots
- AdventureWorks2022
  - Database Diagrams
  - Tables
    - System Tables
    - FileTables
    - External Tables
    - Graph Tables
    - dbo.AWBuildVersion
    - dbo.DatabaseLog
    - dbo.ErrorLog
    - HumanResources.Department
    - HumanResources.Employee
    - HumanResources.EmployeeDepartmentHistory
    - HumanResources.EmployeePayHistory
    - HumanResources.JobCandidate
    - HumanResources.Shift
    - Person.Address
    - Person.AddressType
    - Person.BusinessEntity
    - Person.BusinessEntityAddress
    - Person.BusinessEntityContact
    - Person.ContactType
    - Person.CountryRegion
    - Person.EmailAddress
    - Person.Password
    - Person.Person
    - Person.PersonPhone
    - Person.PhoneNumberType
    - Person.StateProvince
    - Production.BillOfMaterials
    - Production.Culture
    - Production.Document
    - Production.Illustration
    - Production.Location
    - Production.Product

SQLQuery1.sql...kunal (74)\*

```
1 Select SalesOrderID, avg (OrderQty) as AverageQuantity
2 From Sales.SalesOrderDetail
3 Group by SalesOrderID;
4
5
6
```

100 % No issues found Lrn: 6 Ch: 1 TABS CRLF

Results Messages

	SalesOrderID	AverageQuantity
1	43659	2
2	43660	1
3	43661	2
4	43662	2
5	43663	1
6	43664	1
7	43665	2
8	43666	1
9	43667	1
10	43668	3
11	43669	1
12	43670	1
13	43671	1
14	43672	3
15	43673	1
16	43674	3
17	43675	2
18	43676	2
19	43677	2
20	43678	1
21	43679	1

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (74) AdventureWorks2022 00:00:00 31,465 rows

Ready





SQL Server Enterprise Edition (64-bit) - Solution1

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

Connect: \SQLEXPRESS (SQL Server 16.0.1000 - RAJ)\kunal

Databases

- System Databases
- Database Snapshots
- AdventureWorks2022
  - Database Diagrams
  - Tables
    - System Tables
    - File Tables
    - External Tables
    - Graph Tables
    - dbo.AWBuildVersion
    - dbo.DatabaseLog
    - dbo.ErrorLog
    - HumanResources.Department
    - HumanResources.Employee
    - HumanResources.EmployeeDepartmentHistory
    - HumanResources.EmployeePayHistory
    - HumanResources.JobCandidate
    - HumanResources.Shift
    - Person.Address
    - Person.AddressType
    - Person.BusinessEntity
    - Person.BusinessEntityAddress
    - Person.BusinessEntityContact
    - Person.ContactType
    - Person.CountryRegion
    - Person.EmailAddress
    - Person.Password
    - Person.Person
    - Person.PersonPhone
    - Person.PhoneNumberType
    - Person.StateProvince
    - Production.BillOfMaterials
    - Production.Culture
    - Production.Document
    - Production.Illustration
    - Production.Location
    - Production.Product

SQLQuery1.sql... (kunal (74))\*

```
1
2
3
4 Select
5     M.BusinessEntityID as ManagerID,
6     ppm.FirstName + ' ' + ppm.LastName as ManagerName,
7     Count (e.BusinessEntityID) as NumberOfReportees
8 From   HumanResources.Employee as M
9 Inner join HumanResources.Employee as E
10    ON E.OrganizationNode.IsDescendantOf(M.OrganizationNode) = 1
11    And E.OrganizationNode.GetLevel() = M.OrganizationNode.GetLevel() + 1
12 Inner join Person.Person as ppm on M.BusinessEntityID = ppm.BusinessEntityID
13 Group by M.BusinessEntityID, ppm.FirstName, ppm.LastName
14 Order by NumberOfReportees desc;
```

100 % No issues found Ln: 13 Ch: 13 SPC CRLF

ManagerID	ManagerName	NumberOfReportees
1	26 Peter Krebs	22
2	166 Jack Richins	13
3	192 Brenda Diaz	12
4	27 Jo Brown	12
5	108 Jinghao Liu	12
6	250 Shwela Word	11
7	134 Eric Gubbels	10
8	274 Stephen Jiang	10
9	16 David Bradley	8
10	78 Reuben D'sa	8
11	83 Kok-Ho Loh	8
12	62 John Campbell	8
13	152 Yuhong Li	7
14	47 Andrew Hill	7
15	263 Jean Trenary	7
16	241 David Liu	7
17	3 Roberto Tamburello	7
18	55 Taylor Maxwell	6
19	40 JoLynn Dobney	6
20	71 Michael Ray	6
21	127 David Hamilton	6

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (74) AdventureWorks2022 00:00:00 46 rows



SQL Server Enterprise Edition (64-bit) - Solution1

File Edit View Query Git Project Tools Extensions Window Help Search

AdventureWorks2022 Execute

Object Explorer

Connect - \SQLEXPRESS (SQL Server 16.0.1000 - RAJ\kunal)

Databases

- System Databases
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    - dbo.DatabaseLog
    - dbo.ErrorLog
    - HumanResources.Department
    - HumanResources.Employee
    - HumanResources.EmployeeDepartmentHistory
    - HumanResources.EmployeePayHistory
    - HumanResources.JobCandidate
    - HumanResources.Shift
    - Person.Address
    - Person.AddressType
    - Person.BusinessEntity
    - Person.BusinessEntityAddress
    - Person.BusinessEntityContact
    - Person.ContactType
    - Person.CountryRegion
    - Person.EmailAddress
    - Person.Password
    - Person.Person
    - Person.PersonPhone
    - Person.PhoneNumberType
    - Person.StateProvince
    - Production.BillOfMaterials
    - Production.Culture
    - Production.Document
    - Production.Illustration
    - Production.Location
    - Production.Product

SQLQuery1.sql... (kunal (74))

```
6
7 Select *
8 From Sales.SalesOrderHeader
9 where OrderDate >= '1996-12-31'
```

100 % No issues found Ln: 7 Ch: 1 TABS CRLF

	OrderID	RevisionNumber	OrderDate	DueDate	ShipDate	Status	OnlineOrderFlag	SalesOrderNumber	PurchaseOrderNumber	AccountNumber	CustomerID	SalesPersonID	TerritoryID
1	8	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43659	PO522145787	10-4020-000676	29825	279	5
2	0	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43660	PO18850127590	10-4020-000117	29672	279	5
3	1	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43661	PO18473189620	10-4020-000442	29734	282	6
4	2	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43662	PO18444174044	10-4020-000227	29994	282	6
5	3	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43663	PO18009186470	10-4020-000510	29665	276	4
6	4	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43664	PO16617121983	10-4020-000397	29888	280	1
7	5	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43665	PO16588191572	10-4020-000146	29580	283	1
8	6	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43666	PO16008173883	10-4020-000511	30052	276	4
9	7	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43667	PO15428132599	10-4020-000646	29974	277	3
10	8	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43668	PO14732180295	10-4020-000514	29614	282	6
11	9	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43669	PO14123169936	10-4020-000578	29747	283	1
12	0	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43670	PO14384116310	10-4020-000504	29666	275	3
13	1	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43671	PO13978119375	10-4020-000200	29890	283	1
14	2	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43672	PO13862153537	10-4020-000119	30067	282	6
15	3	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43673	PO13775141242	10-4020-000618	29844	275	2
16	4	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43674	PO12760141755	10-4020-000083	29596	282	6
17	5	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43675	PO12412186464	10-4020-000670	29827	277	3
18	6	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43676	PO11851165059	10-4020-000017	29811	275	5
19	7	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43677	PO11049174786	10-4020-000679	29824	278	6
20	8	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43678	PO10817150168	10-4020-000703	29869	281	4

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (74) AdventureWorks2022 00:00:01 31,465 rows

Ready



SQL Server Enterprise Edition (64-bit) - Microsoft SQL Server 16.0.10000 - RAJ\kunal

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

Connect - SQL Server Enterprise Edition (64-bit) - Microsoft SQL Server 16.0.10000 - RAJ\kunal

Databases

- System Databases
- Database Snapshots
- AdventureWorks2022
  - Database Diagrams
  - Tables
    - System Tables
    - FileTables
    - External Tables
    - Graph Tables
    - dbo.AWBuildVersion
    - dbo.DatabaseLog
    - dbo.ErrorLog
    - HumanResources.Department
    - HumanResources.Employee
    - HumanResources.EmployeeDepartmentHistory
    - HumanResources.EmployeePayHistory
    - HumanResources.JobCandidate
    - HumanResources.Shift
    - Person.Address
    - Person.AddressType
    - Person.BusinessEntity
    - Person.BusinessEntityAddress
    - Person.BusinessEntityContact
    - Person.ContactType
    - Person.CountryRegion
    - Person.EmailAddress
    - Person.Password
    - Person.Person
    - Person.PersonPhone
    - Person.PhoneNumberType
    - Person.StateProvince
    - Production.BillOfMaterials
    - Production.Culture
    - Production.Document
    - Production.Illustration
    - Production.Location
    - Production.Product

SQLQuery1.sql... (kunal (74))

```
10
11 Select distinct soh.*
12 from Sales.SalesOrderHeader as soh
13 JOIN Person.Address as pa on soh.ShipToAddressID = pa.AddressID
14 JOIN Person.StateProvince as psp on pa.StateProvinceID = psp.StateProvinceID
15 JOIN Person.CountryRegion as pcr on psp.CountryRegionCode = pcr.CountryRegionCode
16 where pcr.name = 'Canada';
```

100 % No issues found Ln: 11 Ch: 1 TABS CRLF

	SalesOrderID	RevisionNumber	OrderDate	DueDate	ShipDate	Status	OnlineOrderFlag	SalesOrderNumber	PurchaseOrderNumber	AccountNumber	CustomerID	SalesPersonID	TerritoryID
1	43861	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43861	PO18473189520	10-4020-00442	29734	282	5
2	43862	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43862	PO18444174044	10-4020-00327	29994	282	5
3	43868	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43868	PO14732180295	10-4020-00514	29614	282	5
4	43872	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43872	PO13862153537	10-4020-00019	30067	282	5
5	43874	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43874	PO12760141756	10-4020-00083	29596	282	5
6	43877	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43877	PO11049174786	10-4020-00679	29824	278	6
7	43879	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43879	PO10527142759	10-4020-00480	29761	278	6
8	43897	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	1	SO43897	NULL	10-4030-021768	21768	NULL	6
9	43769	8	2011-06-18 00:00:00.000	2011-06-30 00:00:00.000	2011-06-25 00:00:00.000	5	1	SO43769	NULL	10-4030-021659	21659	NULL	6
10	43800	8	2011-06-23 00:00:00.000	2011-07-05 00:00:00.000	2011-06-30 00:00:00.000	5	1	SO43800	NULL	10-4030-021710	21710	NULL	6
11	43803	8	2011-06-24 00:00:00.000	2011-07-06 00:00:00.000	2011-07-01 00:00:00.000	5	1	SO43803	NULL	10-4030-021741	21741	NULL	6
12	43833	8	2011-06-29 00:00:00.000	2011-07-11 00:00:00.000	2011-07-06 00:00:00.000	5	1	SO43833	NULL	10-4030-021727	21727	NULL	6
13	43835	8	2011-06-29 00:00:00.000	2011-07-11 00:00:00.000	2011-07-06 00:00:00.000	5	1	SO43835	NULL	10-4030-019802	19802	NULL	6
14	43836	8	2011-06-29 00:00:00.000	2011-07-11 00:00:00.000	2011-07-06 00:00:00.000	5	1	SO43836	NULL	10-4030-029620	29620	NULL	6
15	43844	8	2011-07-01 00:00:00.000	2011-07-13 00:00:00.000	2011-07-08 00:00:00.000	5	0	SO43844	PO19691138342	10-4020-00353	29620	282	5
16	43846	8	2011-07-01 00:00:00.000	2011-07-13 00:00:00.000	2011-07-08 00:00:00.000	5	0	SO43846	PO19430112391	10-4020-00038	29548	278	6
17	43847	8	2011-07-01 00:00:00.000	2011-07-13 00:00:00.000	2011-07-08 00:00:00.000	5	0	SO43847	PO19227161888	10-4020-000210	29539	278	6
18	43850	8	2011-07-01 00:00:00.000	2011-07-13 00:00:00.000	2011-07-08 00:00:00.000	5	0	SO43850	PO18415143340	10-4020-000191	29892	282	5
19	43852	8	2011-07-01 00:00:00.000	2011-07-13 00:00:00.000	2011-07-08 00:00:00.000	5	0	SO43852	PO17864179720	10-4020-000568	29855	282	5
20	43853	8	2011-07-01 00:00:00.000	2011-07-13 00:00:00.000	2011-07-08 00:00:00.000	5	0	SO43853	PO18770155889	10-4020-000011	29813	282	5

Query executed successfully. (local)\SQLSERVER (16.0 RTM) RAJ\kunal (74) AdventureWorks2022 00:00:00 4,067 rows

Microsoft SQL Server Enterprise Edition (64-bit) - SQL Server 2017

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

- Database Snapshots
- AdventureWorks2022
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    - dbo.AWBuildVersion
    - dbo.DatabaseLog
    - dbo.ErrorLog
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    - HumanResources.Employee
    - HumanResources.EmployeeDepartmentHistory
    - HumanResources.EmployeePayHistory
    - HumanResources.JobCandidate
    - HumanResources.Shift
    - Person.Address
    - Person.AddressType
    - Person.BusinessEntity
    - Person.BusinessEntityAddress
    - Person.BusinessEntityContact
    - Person.ContactType
    - Person.CountryRegion
    - Person.EmailAddress
    - Person.Password
    - Person.Person
    - Person.PersonPhone
    - Person.StateProvince
    - Production.BillOfMaterials
    - Production.Culture
    - Production.Document
    - Production.Illustration
    - Production.Location
    - Production.Product
    - Production.ProductCategory
    - Production.ProductCostHistory
    - Production.ProductDescription

SQLQuery1.sql... (kunal (74))

```
17
18
19 Select *
20 from Sales.SalesOrderHeader
21 where TotalDue > 200;
```

100 % No issues found Ln: 21 Ch: 19 TABS CRLF

	SalesOrderID	RevisionNumber	OrderDate	DueDate	ShipDate	Status	OnlineOrderFlag	SalesOrderNumber	PurchaseOrderNumber	AccountNumber	CustomerID	SalesPersonID	TerritoryID
1	43659	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43659	PO522145787	10-4020-000576	29825	279	5
2	43660	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43660	PO18550127500	10-4020-000117	29672	275	5
3	43661	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43661	PO18473189620	10-4020-000442	29734	282	6
4	43662	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43662	PO18444174044	10-4020-000227	29994	282	6
5	43663	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43663	PO18009186470	10-4020-000510	29566	276	4
6	43664	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43664	PO16617121983	10-4020-000397	29898	280	1
7	43665	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43665	PO18588191572	10-4020-000146	29580	283	1
8	43666	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43666	PO16008173883	10-4020-000511	30052	276	4
9	43667	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43667	PO15428132599	10-4020-000646	29974	277	3
10	43668	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43668	PO14732180295	10-4020-000514	29614	282	6
11	43669	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43669	PO14123169936	10-4020-000578	29747	283	1
12	43670	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43670	PO14384116310	10-4020-000504	29566	275	3
13	43671	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43671	PO13978119376	10-4020-000200	29890	283	1
14	43672	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43672	PO13862153537	10-4020-000119	30067	282	6
15	43673	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43673	PO13775141242	10-4020-000618	29844	275	2
16	43674	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43674	PO12760141756	10-4020-000083	29596	282	6
17	43675	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43675	PO12412186464	10-4020-000670	29827	277	3
18	43676	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43676	PO11861165059	10-4020-000017	29811	275	5
19	43677	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43677	PO11049174786	10-4020-000679	29824	278	6
20	43678	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43678	PO10817150168	10-4020-000203	29899	281	4

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RA\kunal (74) AdventureWorks2022 00:00:00 18,911 rows

Ready



SQL Server Enterprise Edition (64-bit) - Microsoft SQL Server 16.0.10000 - RAJ\kunal

File Edit View Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

Connect: \SQLEXPRESS (SQL Server 16.0.1000 - RAJ\kunal)

- Databases
  - System Databases
  - Database Snapshots
  - AdventureWorks2022
    - Database Diagrams
    - Tables
      - System Tables
      - FileTables
      - External Tables
      - Graph Tables
      - dbo.AWBuildVersion
      - dbo.DatabaseLog
      - dbo.ErrorLog
      - HumanResources.Department
      - HumanResources.Employee
      - HumanResources.EmployeeDepartmentHistory
      - HumanResources.EmployeePayHistory
      - HumanResources.JobCandidate
      - HumanResources.Shift
      - Person.Address
      - Person.AddressType
      - Person.BusinessEntity
      - Person.BusinessEntityAddress
      - Person.BusinessEntityContact
      - Person.ContactType
      - Person.CountryRegion
      - Person.EmailAddress
      - Person.Password
      - Person.Person
      - Person.PersonPhone
      - Person.PhoneNumberType
      - Person.StateProvince
      - Production.BillOfMaterials
      - Production.Culture
      - Production.Document
      - Production.Illustration
      - Production.Location
      - Production.Product

SQLQuery1.sql... (kunal (74))

```
22
23
24 Select
25     pcr.name as CountryName,
26     SUM(soh.TotalDue) as TotalSales
27 from Sales.SalesOrderHeader as soh
28 JOIN Person.Address as pa on soh.ShipToAddressID = pa.AddressID
29 JOIN Person.StateProvince as psp on pa.StateProvinceID = psp.StateProvinceID
30 JOIN Person.CountryRegion as pcr on psp.CountryRegionCode = pcr.CountryRegionCode
31 group by pcr.name
32 order by pcr.name;
```

100 % No issues found Ln: 24 Ch: 1 SPC CRIF

Results Messages

	CountryName	TotalSales
1	Australia	11814375.0962
2	Canada	18389929.188
3	France	8119749.346
4	Germany	5479819.5755
5	United Kingdom	8574048.7082
6	United States	70829863.203

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (74) AdventureWorks2022 00:00:00 6 rows

Ready

SQL Server Enterprise Edition (64-bit) - Solution1

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

Connect SQL Server (SQL Server 16.0.1000 - RAJ\kunal)

Databases

- System Databases
- Database Snapshots
- AdventureWorks2022
  - Database Diagrams
  - Tables
    - System Tables
    - FileTables
    - External Tables
    - Graph Tables
    - dbo.AWBUILDVersion
    - dbo.DatabaseLog
    - dbo.ErrorLog
    - HumanResources.Department
    - HumanResources.Employee
    - HumanResources.EmployeeDepartment
    - HumanResources.EmployeePayHistory
    - HumanResources.JobCandidate
    - HumanResources.Shift
    - Person.Address
    - Person.AddressType
    - Person.BusinessEntity
    - Person.BusinessEntityAddress
    - Person.BusinessEntityContact
    - Person.ContactType
    - Person.CountryRegion
    - Person.EmailAddress
    - Person.Password
    - Person.Person
    - Person.PersonPhone
    - Person.PhoneNumberType
    - Person.StateProvince
    - Production.BillOfMaterials
    - Production.Culture
    - Production.Document
    - Production.Illustration
    - Production.Location
    - Production.Product

SQLQuery1.sql...kunal (74)\*

```
33
34
35 select
36     pp.firstName + ' ' + pp.LastName AS CustomerContactName,
37     count (soh.SalesOrderID) AS NumberOfOrdersPlaced
38 from Sales.Customer as c
39 join Person.Person as pp on c.PersonID = pp.BusinessEntityID
40 left join Sales.SalesOrderHeader as soh on c.CustomerID = soh.CustomerID
41 group by pp.BusinessEntityID, pp.FirstName, pp.LastName
42 order by NumberOfOrdersPlaced desc;
```

100 % No issues found Ln: 35 Ch: 1 SPC CRLF

Results Messages

	CustomerContactName	NumberOfOrdersPlaced
1	Dalton Perez	28
2	Mason Roberts	28
3	Ryan Thompson	27
4	Daniel Davis	27
5	Jason Griffin	27
6	Fernando Barnes	27
7	Jennifer Simmons	27
8	Hailey Paterson	27
9	Samantha Jenkins	27
10	Ashley Henderson	27
11	Henry Garcia	27
12	Nancy Chapman	27
13	Charles Jackson	27
14	April Shen	25
15	Chloe Campbell	17
16	Luis Diaz	17
17	Ana Perry	17
18	Gina Martin	17
19	Samantha Russell	17
20	Luke Lal	17
21	Eduardo Paterson	17

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (74) AdventureWorks2022 00:00:00 19,119 rows

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

- Tables
  - System Tables
  - FileTables
  - External Tables
  - Graph Tables
  - dbo.AWBuildVersion
  - dbo.DatabaseLog
  - dbo.ErrorLog
  - HumanResources.Department
  - HumanResources.Employee
  - HumanResources.EmployeeDepartment
  - HumanResources.EmployeePayHistory
  - HumanResources.JobCandidate
  - HumanResources.Shift
  - Person.Address
  - Person.AddressType
  - Person.BusinessEntity
  - Person.BusinessEntityAddress
  - Person.BusinessEntityContact
  - Person.ContactType
  - Person.CountryRegion
  - Person.EmailAddress
  - Person.Password
  - Person.Person
  - Person.PersonPhone
  - Person.PhoneNumberType
  - Person.StateProvince
  - Production.BillOfMaterials
  - Production.Culture
  - Production.Document
  - Production.Illustration
  - Production.Location
  - Production.Product
  - Production.ProductCategory
  - Production.ProductCostHistory
  - Production.ProductDescription
  - Production.ProductInventory
  - Production.ProductListPriceHistory

SQLQuery1.sql...kunal (63)\*

```
1 Select
2     pp.FirstName + ' ' + pp.LastName as CustomerContactName,
3     count (soh.SalesOrderID) as NumberOfOrdersPlaced
4 from Sales.Customer as c
5 join Person.Person as pp on c.PersonID = pp.BusinessEntityID
6 join Sales.SalesOrderHeader as soh on c.CustomerID = soh.CustomerID
7 group by pp.BusinessEntityID, pp.FirstName, pp.LastName
8 having count (soh.SalesOrderID) > 3
9 order by NumberOfOrdersPlaced desc;
```

100 % No issues found Ln: 1 Ch: 1 SPC CRLF

Results Messages

	CustomerContactName	NumberOfOrdersPlaced
1	Delton Perez	28
2	Mason Roberts	28
3	Halley Paterson	27
4	Jennifer Simmons	27
5	Ryan Thompson	27
6	Fernando Barnes	27
7	Nancy Chapman	27
8	Daniel Davis	27
9	Henry Garcia	27
10	Jason Griffin	27
11	Ashley Henderson	27
12	Charles Jackson	27
13	Samantha Jenkins	27
14	April Shian	25
15	Samantha Russell	17
16	Eduardo Patterson	17
17	Ana Perry	17
18	Luke Lal	17
19	Gina Martin	17
20	Luis Diaz	17
21	Chloe Campbell	17

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (63) AdventureWorks2022 00:00:00 793 rows

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

- Person.PersonPhone
- Person.PhoneNumberType
- Person.StateProvince
- Production.BillOfMaterials
- Production.Culture
- Production.Document
- Production.Illustration
- Production.Location
- Production.Product
- Production.ProductCategory
- Production.ProductCostHistory
- Production.ProductDescription
- Production.ProductDocument
- Production.ProductInventory
- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductModelProductDescription
- Production.ProductPhoto
- Production.ProductProductPhoto
- Production.ProductReview
- Production.ProductSubcategory
- Production.ScrapReason
- Production.TransactionHistory
- Production.TransactionHistoryArchive
- Production.UnitMeasure
- Production.WorkOrder
- Production.WorkOrderRouting
- Purchasing.ProductVendor
- Purchasing.PurchaseOrderDetail
- Purchasing.PurchaseOrderHeader
- Purchasing.ShipMethod
- Purchasing.Vendor
- Sales.CountryRegionCurrency
- Sales.CreditCard
- Sales.Currency
- Sales.CurrencyRate
- Sales.Customer
- Sales.PersonCreditCard

SQLQuery1.sql...kunal (63)\*

```
1
2
3  Select distinct
4    p.ProductID,
5    p.Name as ProductName,
6    p.DiscontinuedDate
7  from Production.Product as p
8  join Sales.SalesOrderDetail as sod on p.ProductID = sod.ProductID
9  join Sales.SalesOrderHeader as soh on sod.SalesOrderID = soh.SalesOrderID
10 where p.DiscontinuedDate IS NOT NULL
11        AND soh.OrderDate >= '1997-01-01'
12        AND soh.OrderDate < '1998-01-01';
13
14
15
```

100 % No issues found Ln: 15 Ch: 3 SPC CRLF

Results Messages

ProductID	ProductName	DiscontinuedDate
-----------	-------------	------------------

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (63) AdventureWorks2022 00:00:00 0 rows

SQL Query Editor window showing a query and its results.

**Query:**

```
select
PPE.FirstName as EmployeeFirstName,
PPE.LastName as EmployeeLastName,
PPM.FirstName as SupervisorFirstName,
PPM.LastName as SupervisorLastName
from
HumanResources.Employee as E
INNER JOIN
Person.Person as PPE on E.BusinessEntityID = PPE.BusinessEntityID
LEFT JOIN
HumanResources.Employee as M on E.OrganizationNode.GetAncestor(1) = M.OrganizationNode
LEFT JOIN
Person.Person as PPM on M.BusinessEntityID = PPM.BusinessEntityID;
```

**Results:**

EmployeeFirstName	EmployeeLastName	SupervisorFirstName	SupervisorLastName
Ken	Sánchez	NULL	NULL
Tam	Duffy	NULL	NULL
David	Bradley	NULL	NULL
James	Hamilton	NULL	NULL
Laura	Norman	NULL	NULL
Jean	Trenary	NULL	NULL
Brian	Welcker	NULL	NULL
Roberto	Tamburrello	Terri	Duffy
Kevin	Brown	David	Bradley
John	Wood	David	Bradley
Mary	Dempsey	David	Bradley
Wanida	Benshoof	David	Bradley
Terry	Eminhizer	David	Bradley
Sariya	Hampadoungsataya	David	Bradley
Mary	Gibson	David	Bradley
Jill	Williams	David	Bradley
Peter	Krebs	James	Hamilton
Hazem	Abolrous	James	Hamilton
A. Scott	Wright	James	Hamilton
Gary	Altman	James	Hamilton
Paule	Barreto de Mattos	Laure	Norman

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (63) AdventureWorks2022 00:00:00 290 rows



SQL Server Enterprise Edition (64-bit) - Solution1

File Edit View Query Git Project Tools Extensions Window Help Search AdventureWorks2022 Execute

Object Explorer

- Person.PersonPhone
- Person.PhoneNumberType
- Person.StateProvince
- Production.BillOfMaterials
- Production.Culture
- Production.Document
- Production.Illustration
- Production.Location
- Production.Product
- Production.ProductCategory
- Production.ProductCostHistory
- Production.ProductDescription
- Production.ProductDocument
- Production.ProductInventory
- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductModelProductDescription
- Production.ProductPhoto
- Production.ProductProductPhoto
- Production.ProductReview
- Production.ProductSubcategory
- Production.ScraperReason
- Production.TransactionHistory
- Production.TransactionHistoryArchive
- Production.UnitMeasure
- Production.WorkOrder
- Production.WorkOrderRouting
- Purchasing.ProductVendor
- Purchasing.PurchaseOrderDetail
- Purchasing.PurchaseOrderHeader
- Purchasing.ShipMethod
- Purchasing.Vendor
- Sales.CountryRegionCurrency
- Sales.CreditCard
- Sales.Currency
- Sales.CurrencyRate
- Sales.Customer
- Sales.PersonCreditCard

SQLQuery1.sql... (kunal (63))

```
17 Person.Person as PPM on M.BusinessEntityID = PPM.BusinessEntityID;
18
19 select
20 e.BusinessEntityID as EmployeeID,
21 pp.FirstName + ' ' + pp.LastName as EmployeeName,
22 SUM(soh.TotalDue) as TotalSalesConducted
23 from HumanResources.Employee as e
24 JOIN Person.Person as pp on e.BusinessEntityID = pp.BusinessEntityID
25 JOIN Sales.SalesOrderHeader as soh on e.BusinessEntityID = soh.SalesPersonID
26 group by e.BusinessEntityID, pp.FirstName, pp.LastName
27 order by TotalSalesConducted desc;
```

Results Messages

	EmployeeID	EmployeeName	TotalSalesConducted
1	276	Linda Mitchell	1165019.0605
2	277	Jillian Carson	11342385.8968
3	275	Michael Blythe	10475367.0751
4	289	Jaq Pak	9585124.9477
5	279	Toni Reiter	8088073.6761
6	281	Shu Ito	7259567.8761
7	282	José Saraiva	6683536.6583
8	290	Ranjit Varkey Chudukattil	5087977.212
9	283	David Campbell	4207894.6025
10	278	Garrett Vargas	4069422.2109
11	280	Pamela Annan-Wolfe	3748246.1218
12	284	Tette Mensa-Annan	2608116.3755
13	288	Rachel Valdez	2062393.1371
14	286	Lynn Tsoffias	1606441.4471
15	274	Stephen Jiang	1235934.4451
16	287	Amy Alberts	826417.4667
17	285	Syed Abbas	195528.7838

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (63) AdventureWorks2022 00:00:00 17 rows

Ready



File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

- Person.PersonPhone
- Person.PhoneNumberType
- Person.StateProvince
- Production.BillOfMaterials
- Production.Culture
- Production.Document
- Production.Illustration
- Production.Location
- Production.Product
- Production.ProductCategory
- Production.ProductCostHistory
- Production.ProductDescription
- Production.ProductDocument
- Production.ProductInventory
- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductModelProductDescr
- Production.ProductPhoto
- Production.ProductProductPhoto
- Production.ProductReview
- Production.ProductSubcategory
- Production.ScrapReason
- Production.TransactionHistory
- Production.TransactionHistoryArchive
- Production.UnitMeasure
- Production.WorkOrder
- Production.WorkOrderRouting
- Purchasing.ProductVendor
- Purchasing.PurchaseOrderDetail
- Purchasing.PurchaseOrderHeader
- Purchasing.ShipMethod
- Purchasing.Vendor
- Sales.CountryRegionCurrency
- Sales.CreditCard
- Sales.Currency
- Sales.CurrencyRate
- Sales.Customer
- Sales.PersonCreditCard

SQLQuery1.sql... (kunal (63))

```
29
30 select BusinessEntityID, FirstName, LastName
31 from Person.Person
32 where FirstName like '%a%' and PersonType != 'em';
```

100 % No issues found Ln: 32 Ch: 44 SPC CRLF

Results Messages

	BusinessEntityID	FirstName	LastName
1	5	Gail	Erickson
2	7	Dylan	Miller
3	8	Diane	Margheim
4	10	Michael	Raheem
5	13	Janice	Galvin
6	14	Michael	Sullivan
7	15	Sharon	Saleviana
8	16	David	Bradley
9	19	Mary	Dempsey
10	20	Wanda	Benshoof
11	22	Sariya	Hainpadoungsataya
12	23	Mary	Gibson
13	25	James	Hamilton
14	29	Mark	McArthur
15	30	Britta	Simon
16	31	Margie	Shoop
17	32	Rebecca	Lasio
18	33	Annik	Stahl
19	34	Suchira	Mohan
20	35	Brandon	Heidepriem
21	41	Bryan	Baker

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (63) AdventureWorks2022 00:00:00 171 rows

SQL Query Editor window showing a query for AdventureWorks2022 database. The query selects managers with at least 4 reportees, ordered by the number of reportees in descending order.

```
35
36
37 Select
38     M.BusinessEntityID as ManagerID,
39     PPM.FirstName + ' ' + PPM.LastName as ManagerName,
40     COUNT(E.BusinessEntityID) as NumberOfReportees
41 from
42     HumanResources.Employee as M
43 inner join
44     HumanResources.Employee as E
45 on E.OrganizationNode.GetAncestor(1) = M.OrganizationNode
46 inner join
47     Person.Person as PPM on M.BusinessEntityID = PPM.BusinessEntityID
48 group by
49     M.BusinessEntityID, PPM.FirstName, PPM.LastName
50 having
51     COUNT(E.BusinessEntityID) > 4
52 order by
53     NumberOfReportees desc;
```

Results window showing 21 rows of data:

ManagerID	ManagerName	NumberOfReportees
25	Peter Krebs	22
166	Jack Richins	13
108	Jinghao Liu	12
192	Brenda Diaz	12
27	Jo Brown	12
250	Sheela Word	11
134	Eric Gubbels	10
274	Stephen Jiang	10
16	David Bradley	8
62	John Campbell	8
78	Reuben D'sa	8
93	Kok-Ho Loh	8
47	Andrew Hill	7
253	Jean Trenary	7
3	Roberto Tamburello	7
241	David Liu	7
152	Yuhong Li	7
145	Cynthia Randall	6
127	David Hamilton	6
40	JoLynn Dobney	6
55	Taylor Maxwell	6

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (63) AdventureWorks2022 00:00:00 30 rows

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

- Person.PersonPhone
- Person.PhoneNumberType
- Person.StateProvince
- Production.BillOfMaterials
- Production.Culture
- Production.Document
- Production.Illustration
- Production.Location
- Production.Product
- Production.ProductCategory
- Production.ProductCostHistory
- Production.ProductDescription
- Production.ProductDocument
- Production.ProductInventory
- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductModelProductDescri
- Production.ProductPhoto
- Production.ProductProductPhoto
- Production.ProductReview
- Production.ProductSubcategory
- Production.ScrapReason
- Production.TransactionHistory
- Production.TransactionHistoryArchive
- Production.UnitMeasure
- Production.WorkOrder
- Production.WorkOrderRouting
- Purchasing.ProductVendor
- Purchasing.PurchaseOrderDetail
- Purchasing.PurchaseOrderHeader
- Purchasing.ShipMethod
- Purchasing.Vendor
- Sales.CountryRegionCurrency
- Sales.CreditCard
- Sales.Currency
- Sales.CurrencyRate
- Sales.Customer
- Sales.PersonCreditCard

SQLQuery1.sql... (kunal (63))

```
53
54
55     Select
56     soh.SalesOrderID,
57     p.Name as ProductName,
58     sod.OrderQty
59 from Sales.SalesOrderHeader as soh
60 Join Sales.SalesOrderDetail as sod on soh.SalesOrderID = sod.SalesOrderID
61 Join Production.Product as p on sod.ProductID = p.ProductID
   order by soh.SalesOrderID, p.Name;
```

100 % No issues found Ln: 61 Ch: 30 SPC CRLF

	SalesOrderID	ProductName	OrderQty
1	43659	AWC Logo Cap	2
2	43659	Long-Sleeve Logo Jersey, M	3
3	43659	Long-Sleeve Logo Jersey, XL	1
4	43659	Mountain Bike Socks, M	6
5	43659	Mountain-100 Black, 42	1
6	43659	Mountain-100 Black, 44	3
7	43659	Mountain-100 Black, 48	1
8	43659	Mountain-100 Silver, 38	1
9	43659	Mountain-100 Silver, 42	1
10	43659	Mountain-100 Silver, 44	2
11	43659	Mountain-100 Silver, 48	1
12	43659	Sport-100 Helmet, Blue	4
13	43660	Road-450 Red, 52	1
14	43660	Road-650 Red, 44	1
15	43661	AWC Logo Cap	4
16	43661	HL Mountain Frame - Black, 38	2
17	43661	HL Mountain Frame - Black, 42	1
18	43661	HL Mountain Frame - Black, 48	1
19	43661	HL Mountain Frame - Silver, 46	2
20	43661	HL Mountain Frame - Silver, 48	2
21	43661	Long-Sleeve Logo Jersey, L	4

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (63) AdventureWorks2022 00:00:00 1,21,317 rows

AdventureWorks2022

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

- Person.PersonPhone
- Person.PhoneNumberType
- Person.StateProvince
- Production.BillOfMaterials
- Production.Culture
- Production.Document
- Production.Illustration
- Production.Location
- Production.Product
- Production.ProductCategory
- Production.ProductCostHistory
- Production.ProductDescription
- Production.ProductDocument
- Production.ProductInventory
- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductModelProductDescri
- Production.ProductPhoto
- Production.ProductProductPhoto
- Production.ProductReview
- Production.ProductSubcategory
- Production.ScraperReason
- Production.TransactionHistory
- Production.TransactionHistoryArchive
- Production.UnitMeasure
- Production.WorkOrder
- Production.WorkOrderRouting
- Purchasing.ProductVendor
- Purchasing.PurchaseOrderDetail
- Purchasing.PurchaseOrderHeader
- Purchasing.ShipMethod
- Purchasing.Vendor
- Sales.CountryRegionCurrency
- Sales.CreditCard
- Sales.Currency
- Sales.CurrencyRate
- Sales.Customer
- Sales.PersonCreditCard

SQLQuery1.sql... (kunal (63))

```
7 select
8 soh.*
9 from
10 Sales.SalesOrderHeader AS soh
11 where
12 soh.CustomerID = (
13     select top 1 c_inner.CustomerID
14     from Sales.Customer as c_inner
15     JOIN Sales.SalesOrderHeader as soh_inner on c_inner.CustomerID = soh_inner.CustomerID
16     group by c_inner.CustomerID
17     order by sum(soh_inner.TotalDue) desc
18 )
19 order by
20 soh.OrderDate;
```

100 % No issues found Ln: 20 Ch: 19 SPC CRLF

	SalesOrderID	RevisionNumber	OrderDate	DueDate	ShipDate	Status	OnlineOrderFlag	SalesOrderNumber	PurchaseOrderNumber	AccountNumber	CustomerID	SalesPersonID	TerritoryID
1	43849	8	2011-07-01 00:00:00.000	2011-07-13 00:00:00.000	2011-07-08 00:00:00.000	5	0	SO43849	PO18676196169	10-4020-000697	29818	274	1
2	44492	8	2011-10-01 00:00:00.000	2011-10-13 00:00:00.000	2011-10-08 00:00:00.000	5	0	SO44492	PO18676158978	10-4020-000697	29818	276	1
3	45274	8	2012-01-01 00:00:00.000	2012-01-13 00:00:00.000	2012-01-08 00:00:00.000	5	0	SO45274	PO18676111897	10-4020-000697	29818	276	1
4	46032	8	2012-03-30 00:00:00.000	2012-04-11 00:00:00.000	2012-04-06 00:00:00.000	5	0	SO46032	PO18676118907	10-4020-000697	29818	276	1
5	46944	8	2012-06-30 00:00:00.000	2012-07-12 00:00:00.000	2012-07-07 00:00:00.000	5	0	SO46944	PO18676186070	10-4020-000697	29818	276	1
6	47970	8	2012-09-30 00:00:00.000	2012-10-12 00:00:00.000	2012-10-07 00:00:00.000	5	0	SO47970	PO18676198287	10-4020-000697	29818	276	1
7	49095	8	2012-12-31 00:00:00.000	2013-01-12 00:00:00.000	2013-01-07 00:00:00.000	5	0	SO49095	PO18676116817	10-4020-000697	29818	276	1
8	50270	8	2013-03-30 00:00:00.000	2013-04-11 00:00:00.000	2013-04-06 00:00:00.000	5	0	SO50270	PO18676112371	10-4020-000697	29818	276	1
9	51783	8	2013-06-30 00:00:00.000	2013-07-12 00:00:00.000	2013-07-07 00:00:00.000	5	0	SO51783	PO18676114917	10-4020-000697	29818	276	1
10	57105	8	2013-09-30 00:00:00.000	2013-10-12 00:00:00.000	2013-10-07 00:00:00.000	5	0	SO57105	PO18676113963	10-4020-000697	29818	276	1
11	63131	8	2013-12-31 00:00:00.000	2014-01-12 00:00:00.000	2014-01-07 00:00:00.000	5	0	SO63131	PO18676136384	10-4020-000697	29818	276	1
12	69471	8	2014-03-31 00:00:00.000	2014-04-12 00:00:00.000	2014-04-07 00:00:00.000	5	0	SO69471	PO18676191433	10-4020-000697	29818	276	1

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (63) AdventureWorks2022 00:00:00 12 rows



SQL Query Editor window showing a query and its results.

**Query:**

```
22
23
24 select distinct soh.*
25 from Sales.SalesOrderHeader as soh
26 join Sales.Customer as sc on soh.CustomerID = sc.CustomerID
27 join Person.Person as pp on sc.PersonID = pp.BusinessEntityID
28 where not exists (
29     select 1
30     from Person.PersonPhone as pph
31     join Person.PhoneNumberType as pnt on pph.PhoneNumberTypeID = pnt.PhoneNumberTypeID
32     where pph.BusinessEntityID = pp.BusinessEntityID and pnt.Name = 'Fax'
33 );
```

**Results:**

SalesOrderID	RevisionNumber	OrderDate	DueDate	ShipDate	Status	OnlineOrderFlag	SalesOrderNumber	PurchaseOrderNumber	AccountNumber	CustomerID	SalesPersonID	TerritoryID	
1	43659	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43659	PO522145787	10-4020-000576	29825	279	5
2	43660	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43660	PO18850127500	10-4020-000117	29672	279	5
3	43661	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43661	PO18475185620	10-4020-000442	29734	282	6
4	43662	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43662	PO18444174044	10-4020-000227	29994	282	6
5	43663	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43663	PO18009186470	10-4020-000510	29566	276	4
6	43664	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43664	PO16617121983	10-4020-000397	29898	280	1
7	43665	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43665	PO16588191572	10-4020-000146	29580	283	1
8	43666	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43666	PO16008173883	10-4020-000511	30052	276	4
9	43667	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43667	PO15428132599	10-4020-000646	29974	277	3
10	43668	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43668	PO14732180295	10-4020-000514	29614	282	6
11	43669	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43669	PO14123169936	10-4020-000578	29747	283	1
12	43670	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43670	PO14384116310	10-4020-000504	29566	275	3
13	43671	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43671	PO13978119376	10-4020-000200	29890	283	1
14	43672	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43672	PO13862153537	10-4020-000119	30067	282	6
15	43673	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43673	PO13775141242	10-4020-000618	29844	275	2
16	43674	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43674	PO12760141756	10-4020-000083	29596	282	6
17	43675	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43675	PO12412186464	10-4020-000670	29827	277	3
18	43676	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43676	PO11861165059	10-4020-000017	29811	275	5
19	43677	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43677	PO11049174786	10-4020-000679	29824	278	6
20	43678	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43678	PO10817150168	10-4020-000203	29889	281	4

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (63) AdventureWorks2022 00:00:00 31,465 rows

SQL Query Editor window showing a query executed successfully.

**Object Explorer:**

- Person.PersonPhone
- Person.PhoneNumberType
- Person.StateProvince
- Production.BillOfMaterials
- Production.Culture
- Production.Document
- Production.Illustration
- Production.Location
- Production.Product
- Production.ProductCategory
- Production.ProductCostHistory
- Production.ProductDescription
- Production.ProductDocument
- Production.ProductInventory
- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductModelProductDescription
- Production.ProductPhoto
- Production.ProductProductPhoto
- Production.ProductReview
- Production.ProductSubcategory
- Production.ScrapReason
- Production.TransactionHistory
- Production.TransactionHistoryArchive
- Production.UnitMeasure
- Production.WorkOrder
- Production.WorkOrderRouting
- Purchasing.ProductVendor
- Purchasing.PurchaseOrderDetail
- Purchasing.PurchaseOrderHeader
- Purchasing.ShipMethod
- Purchasing.Vendor
- Sales.CountryRegionCurrency
- Sales.CreditCard
- Sales.Currency
- Sales.CurrencyRate
- Sales.Customer
- Sales.PersonCreditCard

**SQL Query:**

```
33
34
35 Select distinct pa.PostalCode
36 from Person.Address as pa
37 JOIN Sales.SalesOrderHeader as soh on pa.AddressID = soh.ShipToAddressID
38 JOIN Sales.SalesOrderDetail as sod on soh.SalesOrderID = sod.SalesOrderID
39 JOIN Production.Product as p on sod.ProductID = p.ProductID
where p.Name = 'Tofu';
```

**Results:**

PostalCode
------------

**Status Bar:** Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RA\kunal (63) AdventureWorks2022 00:00:00 0 rows



SQL Server Enterprise Edition (64-bit) - Solution1

File Edit View Query Git Project Tools Extensions Window Help Search

AdventureWorks2022 Execute

Object Explorer

- Person.PersonPhone
- Person.PhoneNumberType
- Person.StateProvince
- Production.BillOfMaterials
- Production.Culture
- Production.Document
- Production.Illustration
- Production.Location
- Production.Product
- Production.ProductCategory
- Production.ProductCostHistory
- Production.ProductDescription
- Production.ProductDocument
- Production.ProductInventory
- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductModelProductDescription
- Production.ProductPhoto
- Production.ProductProductPhoto
- Production.ProductReview
- Production.ProductSubcategory
- Production.ScrapReason
- Production.TransactionHistory
- Production.TransactionHistoryArchive
- Production.UnitMeasure
- Production.WorkOrder
- Production.WorkOrderRouting
- Purchasing.ProductVendor
- Purchasing.PurchaseOrderDetail
- Purchasing.PurchaseOrderHeader
- Purchasing.ShipMethod
- Purchasing.Vendor
- Sales.CountryRegionCurrency
- Sales.CreditCard
- Sales.Currency
- Sales.CurrencyRate
- Sales.Customer
- Sales.PersonCreditCard

SQLQuery1.sql... (kunal (63))

```
42 select distinct p.Name as ProductName
43 from Production.Product as p
44 JOIN Sales.SalesOrderDetail as sod on p.ProductID = sod.ProductID
45 JOIN Sales.SalesOrderHeader as soh on sod.SalesOrderID = soh.SalesOrderID
46 JOIN Person.Address as pa on soh.ShipToAddressID = pa.AddressID
47 JOIN Person.StateProvince as psp on pa.StateProvinceID = psp.StateProvinceID
48 JOIN Person.CountryRegion as pcr on psp.CountryRegionCode = pcr.CountryRegionCode
49 where pcr.Name = 'France';
```

100% No issues found Ln: 49 Ch: 16 SPC CRLF

Results Messages

	ProductName
1	All-Purpose Bike Stand
2	AWC Logo Cap
3	Bike Wash - Dissolver
4	Cable Lock
5	Chain
6	Classic Vest, L
7	Classic Vest, M
8	Classic Vest, S
9	Fender Set - Mountain
10	Front Brakes
11	Front Derailleur
12	Full-Finger Gloves, L
13	Full-Finger Gloves, M
14	Full-Finger Gloves, S
15	Half-Finger Gloves, L
16	Half-Finger Gloves, M
17	Half-Finger Gloves, S
18	Hitch Rack - 4-Bike
19	HL Bottom Bracket
20	HL Crankset
21	HL Fork

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) : RAJ\kunal (63) AdventureWorks2022 00:00:00 247 rows

Ready

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

Connect

- Person.PersonPhone
- Person.PhoneNumberType
- Person.StateProvince
- Production.BillOfMaterials
- Production.Culture
- Production.Document
- Production.Illustration
- Production.Location
- Production.Product
- Production.ProductCategory
- Production.ProductCostHistory
- Production.ProductDescription
- Production.ProductDocument
- Production.ProductInventory
- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductModelProductDescription
- Production.ProductPhoto
- Production.ProductProductPhoto
- Production.ProductReview
- Production.ProductSubcategory
- Production.ScrapReason
- Production.TransactionHistory
- Production.TransactionHistoryArchive
- Production.UnitMeasure
- Production.WorkOrder
- Production.WorkOrderRouting
- Purchasing.ProductVendor
- Purchasing.PurchaseOrderDetail
- Purchasing.PurchaseOrderHeader
- Purchasing.ShipMethod
- Purchasing.Vendor
- Sales.CountryRegionCurrency
- Sales.CreditCard
- Sales.Currency
- Sales.CurrencyRate
- Sales.Customer
- Sales.PersonCreditCard

SQLQuery1.sql... (kunal (63))

```
50
51
52 select
53     P.Name as ProductName,
54     PC.Name as CategoryName,
55     PSC.Name as SubCategoryName
56 from
57     Production.Product as P
58 join
59     Purchasing.ProductVendor as PV on P.ProductID = PV.ProductID
60 join
61     Purchasing.Vendor as V on PV.BusinessEntityID = V.BusinessEntityID
62 join
63     Production.ProductSubcategory as PSC on P.ProductSubcategoryID = PSC.ProductSubcategoryID
64 join
65     Production.ProductCategory as PC on PSC.ProductCategoryID = PC.ProductCategoryID
66 where
67     V.Name = 'Specialty Biscuits, Ltd.';
68
```

100% No issues found Ln: 55 Ch: 5 SPC CRLF

Results Messages

ProductName	CategoryName	SubCategoryName
-------------	--------------	-----------------

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RA\kunal (63) AdventureWorks2022 00:00:00 0 rows

AdventureWorks2022

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

Connect

- Person.PersonPhone
- Person.PhoneNumberType
- Person.StateProvince
- Production.BillOfMaterials
- Production.Culture
- Production.Document
- Production.Illustration
- Production.Location
- Production.Product
- Production.ProductCategory
- Production.ProductCostHistory
- Production.ProductDescription
- Production.ProductDocument
- Production.ProductInventory
- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductModelProductDescri
- Production.ProductPhoto
- Production.ProductProductPhoto
- Production.ProductReview
- Production.ProductSubcategory
- Production.ScraperReason
- Production.TransactionHistory
- Production.TransactionHistoryArchive
- Production.UnitMeasure
- Production.WorkOrder
- Production.WorkOrderRouting
- Purchasing.ProductVendor
- Purchasing.PurchaseOrderDetail
- Purchasing.PurchaseOrderHeader
- Purchasing.ShipMethod
- Purchasing.Vendor
- Sales.CountryRegionCurrency
- Sales.CreditCard
- Sales.Currency
- Sales.CurrencyRate
- Sales.Customer
- Sales.PersonCreditCard

SQLQuery1.sql... (kunal (63))

```
50
51
52
53
54 select
55     P.ProductID,
56     P.Name as ProductName
57 from
58     Production.Product as P
59 left join
60     Sales.SalesOrderDetail as SOD on P.ProductID = SOD.ProductID
61 where
62     SOD.ProductID IS NULL;
63
64
```

100 % No issues found

Results Messages

	ProductID	ProductName
1	1	Adjustable Race
2	2	Bearing Ball
3	3	BB Ball Bearing
4	4	Headset Ball Bearings
5	316	Blade
6	317	LL Crankarm
7	318	ML Crankarm
8	319	HL Crankarm
9	320	Chaining Bolts
10	321	Chaining Nut
11	322	Chaining
12	323	Crown Race
13	324	Chain Stays
14	325	Decal 1
15	326	Decal 2
16	327	Down Tube
17	328	Mountain End Caps
18	329	Road End Caps
19	330	Touring End Caps
20	331	Fork End
21	332	Freewheel

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (63) AdventureWorks2022 00:00:00 238 rows

Ready

SQL Query Editor window showing a T-SQL query and its results.

**Object Explorer:** Lists database objects including tables like `Person.PersonPhone`, `Production.ProductInventory`, and `Purchasing.PurchaseOrderHeader`.

**SQL Query:**

```
54 select
55     P.ProductID,
56     P.Name AS ProductName,
57     SUM(PI.Quantity) as TotalUnitsInStock
58 from
59     Production.Product as P
60 join
61     Production.ProductInventory as PI on P.ProductID = PI.ProductID
62 where
63     not exists (
64         select 1
65         from Purchasing.PurchaseOrderDetail as POD
66             JOIN Purchasing.PurchaseOrderHeader as POH on POD.PurchaseOrderID = POH.PurchaseOrderID
67         where POD.ProductID = P.ProductID
68             AND POH.Status IN (1, 2, 3)
69     )
70 group by
71     P.ProductID, P.Name
72 having
73     SUM(PI.Quantity) < 10;
```

**Results:**

ProductID	ProductName	TotalUnitsInStock

**Status Bar:** Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (63) AdventureWorks2022 00:00:00 0 rows

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

- Person.PersonPhone
- Person.PhoneNumberType
- Person.StateProvince
- Production.BillOfMaterials
- Production.Culture
- Production.Document
- Production.Illustration
- Production.Location
- Production.Product
- Production.ProductCategory
- Production.ProductCostHistory
- Production.ProductDescription
- Production.ProductDocument
- Production.ProductInventory
- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductModelProductDescription
- Production.ProductPhoto
- Production.ProductProductPhoto
- Production.ProductReview
- Production.ProductSubcategory
- Production.ScrapReason
- Production.TransactionHistory
- Production.TransactionHistoryArchive
- Production.UnitMeasure
- Production.WorkOrder
- Production.WorkOrderRouting
- Purchasing.ProductVendor
- Purchasing.PurchaseOrderDetail
- Purchasing.PurchaseOrderHeader
- Purchasing.ShipMethod
- Purchasing.Vendor
- Sales.CountryRegionCurrency
- Sales.CreditCard
- Sales.Currency
- Sales.CurrencyRate
- Sales.Customer
- Sales.PersonCreditCard

SQLQuery1.sql... (kunal (63))

```
75
76
77     select top 18
78         CR.Name as CountryName,
79         SUM(SOH.TotalDue) as TotalSales
80     from
81     Sales.SalesOrderHeader as SOH
82     JOIN
83     Person.Address as A on SOH.ShipToAddressID = A.AddressID
84     JOIN
85     Person.StateProvince as SP on A.StateProvinceID = SP.StateProvinceID
86     JOIN
87     Person.CountryRegion as CR on SP.CountryRegionCode = CR.CountryRegionCode
88     group by
89         CR.Name
90     order by
91         TotalSales desc;
```

100 % No issues found Ln: 90 Ch: 10 SPC CRLF

Results Messages

	CountryName	TotalSales
1	United States	70823863.203
2	Canada	18398929.188
3	Australia	11814376.0962
4	United Kingdom	8574048.7082
5	France	8119749.346
6	Germany	5479819.5755

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (63) AdventureWorks2022 00:00:00 6 rows





SQL Server Enterprise Edition (64-bit) - Solution1

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

Connect: \SQLEXPRESS (SQL Server 16.0.1000 - RAJ\kunal)

- Databases
  - System Databases
  - Database Snapshots
  - AdventureWorks2022
    - Database Diagrams
    - Tables
      - System Tables
      - FileTables
      - External Tables
      - Graph Tables
      - dbo.AWBuildVersion
      - dbo.DatabaseLog
      - dbo.ErrorLog
      - HumanResources.Department
      - HumanResources.Employee
      - HumanResources.EmployeeDepartment
      - HumanResources.EmployeePayHistory
      - HumanResources.JobCandidate
      - HumanResources.Shift
      - Person.Address
      - Person.AddressType
      - Person.BusinessEntity
      - Person.BusinessEntityAddress
      - Person.BusinessEntityContact
      - Person.ContactType
      - Person.CountryRegion
      - Person.EmailAddress
      - Person.Password
      - Person.Person
      - Person.PersonPhone
      - Person.PhoneNumberType
      - Person.StateProvince
      - Production.BillOfMaterials
      - Production.Culture
      - Production.Document
      - Production.Illustration
      - Production.Location
      - Production.Product

SQLQuery1.sql... (kunal (55))

```
28
29
30 select distinct
31     OrderDate
32 from
33     Sales.SalesOrderHeader
34 where
35     TotalDue = (select max(TotalDue) from Sales.SalesOrderHeader);
36
37
```

100 % No issues found Ln: 37 Ch: 5 SPC CRLF

Results Messages

	OrderDate
1	2013-05-30 00:00:00.000

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (55) AdventureWorks2022 00:00:00 1 rows

Ready

SQL Server Enterprise Edition (64-bit) - Solution1

File Edit View Query Git Project Tools Extensions Window Help Search Solution1

AdventureWorks2022 Execute

Object Explorer

Connect: \SQLEXPRESS (SQL Server 16.0.1000 - RAJ\kunal)

Databases

- System Databases
- Database Snapshots
- AdventureWorks2022
  - Database Diagrams
  - Tables
    - System Tables
    - FileTables
    - External Tables
    - Graph Tables
    - dbo.AWBuildVersion
    - dbo.DatabaseLog
    - dbo.ErrorLog
    - HumanResources.Department
    - HumanResources.Employee
    - HumanResources.EmployeeDepartmentHistory
    - HumanResources.EmployeePayHistory
    - HumanResources.JobCandidate
    - HumanResources.Shift
    - Person.Address
    - Person.AddressType
    - Person.BusinessEntity
    - Person.BusinessEntityAddress
    - Person.BusinessEntityContact
    - Person.ContactType
    - Person.CountryRegion
    - Person.EmailAddress
    - Person.Password
    - Person.Person
    - Person.PersonPhone
    - Person.PhoneNumberType
    - Person.StateProvince
    - Production.BillOfMaterials
    - Production.Culture
    - Production.Document
    - Production.Illustration
    - Production.Location
    - Production.Product

SQLQuery1.sql... (kunal (55))

```
37
38 select
39     P.Name as ProductName,
40     sum(SOD.LineTotal) as TotalRevenue
41 from
42     Production.Product as P
43 JOIN
44     Sales.SalesOrderDetail as SOD on P.ProductID = SOD.ProductID
45 group by
46     P.Name
47 order by
48     TotalRevenue desc;
```

100 % No issues found

Results Messages

	ProductName	TotalRevenue
1	Mountain-200 Black, 38	4400692.802400
2	Mountain-200 Black, 42	4009494.761841
3	Mountain-200 Silver, 38	3693678.025272
4	Mountain-200 Silver, 42	3438478.860423
5	Mountain-200 Silver, 46	3434256.941928
6	Mountain-200 Black, 46	3309673.216908
7	Road-250 Black, 44	2816857.314918
8	Road-250 Black, 48	2347655.953454
9	Road-250 Black, 52	2012447.775000
10	Road-150 Red, 56	1847818.628000
11	Road-350-W Yellow, 48	1774883.557085
12	Road-150 Red, 62	1769096.688000
13	Touring-1000 Blue, 60	1721242.514355
14	Road-350-W Yellow, 40	1657198.182549
15	Road-250 Red, 58	1587008.182500
16	Touring-1000 Blue, 46	1586953.573023
17	Road-150 Red, 48	1540803.062000
18	Touring-1000 Yellow, 60	1518133.101147
19	Road-250 Black, 58	1505377.632500
20	Road-250 Red, 44	1448122.478985
21	Touring-1000 Yellow, 46	1426372.869324

Query executed successfully.

(local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (55) AdventureWorks2022 00:00:00 266 rows

SQL Server Enterprise Edition (64-bit) - Solution1

File Edit View Query Git Project Tools Extensions Window Help Search

AdventureWorks2022 Execute

Object Explorer

- External Tables
- Graph Tables
- dbo.AWBuildVersion
- dbo.DatabaseLog
- dbo.ErrorLog
- HumanResources.Department
- HumanResources.Employee
- HumanResources.EmployeeDepartment
- HumanResources.EmployeePayHistory
- HumanResources.JobCandidate
- HumanResources.Shift
- Person.Address
- Person.AddressType
- Person.BusinessEntity
- Person.BusinessEntityAddress
- Person.BusinessEntityContact
- Person.ContactType
- Person.CountryRegion
- Person.EmailAddress
- Person.Password
- Person.Person
- Person.PersonPhone
- Person.PhoneNumberType
- Person.StateProvince
- Production.BillOfMaterials
- Production.Culture
- Production.Document
- Production.Illustration
- Production.Location
- Production.Product
- Production.ProductCategory
- Production.ProductCostHistory
- Production.ProductDescription
- Production.ProductDocument
- Production.ProductInventory
- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductModelProductDescr

SQLQuery1.sql... (kunal (55))

```
49
50
51 select
52     V.BusinessEntityID as SupplierID,
53     V.Name as SupplierName,
54     COUNT(PV.ProductID) AS NumberOfProductsOffered
55 from
56     Purchasing.Vendor as V
57 JOIN
58     Purchasing.ProductVendor as PV on V.BusinessEntityID = PV.BusinessEntityID
59 group by
60     V.BusinessEntityID, V.Name
61 order by
62     NumberOfProductsOffered desc;
```

100% No issues found Ltr 51 Chr 11 SPC CRLF

Results Messages

	SupplierID	SupplierName	NumberOfProductsOffered
1	1555	Mountain Works	30
2	1540	Bergeron Off-Roads	24
3	1536	Cruzer Bike Company	23
4	1562	Norstan Bike Hut	23
5	1616	Aurora Bike Center	19
6	1688	Pro Sport Industries	19
7	1668	Leaf River Terrain	16
8	1554	WestAmerica Bicycle Co.	16
9	1496	Advanced Bicycles	16
10	1492	Australia Bike Retailer	16
11	1534	Ready Rentals	16
12	1568	Custom Frames, Inc.	14
13	1582	Inner City Bikes	13
14	1676	Team Athletic Co.	12
15	1672	Expert Bike Co	10
16	1536	Integrated Sport Products	10
17	1614	Reliance Fitness, Inc.	9
18	1594	Fitness Association	9
19	1598	Continental Pro Cycles	9
20	1622	Speed Corporation	9
21	1545	Green Lake Bike Company	9

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (55) AdventureWorks2022 00:00:00 86 rows

SQL Server Enterprise Edition (64-bit) - Solution1

File Edit View Query Git Project Tools Extensions Window Help Search

AdventureWorks2022 Execute

Object Explorer

- External Tables
- Graph Tables
- dbo.AWBuildVersion
- dbo.DatabaseLog
- dbo.ErrorLog
- HumanResources.Department
- HumanResources.Employee
- HumanResources.EmployeeDepartment
- HumanResources.EmployeePayHistory
- HumanResources.JobCandidate
- HumanResources.Shift
- Person.Address
- Person.AddressType
- Person.BusinessEntity
- Person.BusinessEntityAddress
- Person.BusinessEntityContact
- Person.ContactType
- Person.CountryRegion
- Person.EmailAddress
- Person.Password
- Person.Person
- Person.PersonPhone
- Person.PhoneNumberType
- Person.StateProvince
- Production.BillOfMaterials
- Production.Culture
- Production.Document
- Production.Illustration
- Production.Location
- Production.Product
- Production.ProductCategory
- Production.ProductCostHistory
- Production.ProductDescription
- Production.ProductDocument
- Production.ProductInventory
- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductModelProductDescription

SQLQuery1.sql... (kunal (55))

```
64
65
66 select top 10
67 C.CustomerID,
68 PP.FirstName + ' ' + PP.LastName as CustomerName,
69 SUM(SOH.TotalDue) as TotalBusinessValue
70 from
71 Sales.Customer as C
72 JOIN
73 Person.Person as PP on C.PersonID = PP.BusinessEntityID
74 JOIN
75 Sales.SalesOrderHeader as SOH on C.CustomerID = SOH.CustomerID
76 group by
77 C.CustomerID, PP.FirstName, PP.LastName
78 order by
79 TotalBusinessValue desc;
```

100 % No issues found Ln: 78 Ch: 29 SPC CRLF

Results Messages

	CustomerId	CustomerName	TotalBusinessValue
1	29818	Roger Hanul	689184.082
2	29715	Andrew Dixon	961675.8596
3	29722	Reuben D'sa	954021.9235
4	30117	Robert Vessa	919601.8188
5	29614	Ryan Calafato	901346.856
6	29639	Joseph Castelluccio	687090.4106
7	29701	Kirk DeGrasse	641666.5522
8	29617	Lindsey Camacho	634475.9271
9	29994	Robin McGuigan	624331.7682
10	29646	Stacey Coreghino	620383.5466

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (55) AdventureWorks2022 00:00:00 10 rows

Ready



SQL Server Enterprise Edition (64-bit) - Solution1

File Edit View Query Git Project Tools Extensions Window Help Search

AdventureWorks2022 Execute

Object Explorer

- External Tables
- Graph Tables
- dbo.AWBUILDVERSION
- dbo.DATABASELOG
- dbo.ERRORLOG
- HumanResources.Department
- HumanResources.Employee
- HumanResources.EmployeeDepartment
- HumanResources.EmployeePayHistory
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- Person.AddressType
- Person.BusinessEntity
- Person.BusinessEntityAddress
- Person.BusinessEntityContact
- Person.ContactType
- Person.CountryRegion
- Person.EmailAddress
- Person.Password
- Person.Person
- Person.PersonPhone
- Person.PhoneNumberType
- Person.StateProvince
- Production.BillOfMaterials
- Production.Culture
- Production.Document
- Production.Illustration
- Production.Location
- Production.Product
- Production.ProductCategory
- Production.ProductCostHistory
- Production.ProductDescription
- Production.ProductDocument
- Production.ProductInventory
- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductModelProductDescription

SQLQuery1.sql... \kunal (55)\*

```
79
80
81 select
82 SUM(TotalDue) as TotalCompanyRevenue
83 from
84 Sales.SalesOrderHeader
```

100 % No issues found Ln: 81 Ch: 1 SPC CRLF

Results Messages

	TotalCompanyRevenue
1	123216786.1159

Query executed successfully. (local)\SQLEXPRESS (16.0 RTM) RAJ\kunal (55) AdventureWorks2022 00:00:00 1 rows

Ready