

Domas Budrys Screen Shots 5

Question 1:

The screenshot displays the Microsoft SQL Server Management Studio interface. The main window shows a SQL query in the query editor, which is a SELECT statement joining tables from the AdventureWorks2012 database. The query is as follows:

```
SELECT C.CustomerID, P.FirstName, P.LastName, A.City, SP.Name
FROM Sales.Customer AS C
JOIN Person.Person AS P
ON C.CustomerID = P.BusinessEntityID

JOIN Person.BusinessEntityAddress AS BE
ON BE.BusinessEntityID = P.BusinessEntityID

JOIN Person.Address AS A
ON BE.AddressID = A.AddressID

JOIN Person.StateProvince AS SP
ON A.StateProvinceID = SP.StateProvinceID

ORDER BY P.LastName
```

The Object Explorer on the left shows the database structure, including tables like 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, and Production.ProductModelIllustration.

The Results pane at the bottom shows the output of the query, which is a table with 11 rows and 5 columns: CustomerID, FirstName, LastName, City, and Name. The data is as follows:

	CustomerID	FirstName	LastName	City	Name
1	285	Syed	Abbas	Bothell	Washington
2	38	Kim	Abercrombie	Camation	Washington
3	211	Hazem	Abolrous	Kenmore	Washington
4	121	Pilar	Ackeman	Seattle	Washington
5	16867	Aaron	Adams	Downey	California
6	16901	Adam	Adams	Newport Beach	California
7	16724	Alex	Adams	Lake Oswego	Oregon
8	16699	Angel	Adams	Burlingame	California
9	16691	Carlos	Adams	Langford	British Columbia
10	16872	Connor	Adams	Westminster	British Columbia
11	16858	Elijah	Adams	Seattle	Washington

The status bar at the bottom indicates that the query was executed successfully, returning 10081 rows.

Question 2:

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left displays the AdventureWorks2012 database schema. The query editor in the center contains the following SQL query:

```
SELECT SO.SalesOrderID, COUNT (C.CustomerID) AS [CustomerID], SO.SalesOrderID, SO.TotalDue
FROM Sales.SalesOrderHeader AS SO
JOIN Sales.Customer AS C
ON SO.TerritoryID = C.TerritoryID
JOIN Person.StateProvince AS SP
ON C.TerritoryID = SP.TerritoryID
WHERE SP.Name = 'Oklahoma'
GROUP BY SO.SalesOrderID, SP.Name, SO.TotalDue
```

The Results pane at the bottom displays the query output as a table with 11 rows and 4 columns: SalesOrderID, CustomerID, SalesOrderID, and TotalDue.

SalesOrderID	CustomerID	SalesOrderID	TotalDue
1	63511	132	23.7465
2	64621	132	59.659
3	51691	132	36262.4638
4	51709	132	192.9339
5	51716	132	59511.218
6	51717	132	16182.7642
7	51719	132	8249.006
8	51720	132	58307.8201
9	51730	132	5042.725
10	51731	132	2621.5276
11	51749	132	3107.9593

The status bar at the bottom indicates the query was executed successfully, returning 385 rows.

Question 3:

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left displays the AdventureWorks2012 database schema. The query editor in the center contains the following SQL query:

```
SELECT SP.StateProvinceCode, SP.Name, COUNT (*) AS [Number Of Customers]
FROM Sales.Customer AS C
JOIN Person.StateProvince AS SP
ON C.TerritoryID = SP.TerritoryID
WHERE SP.Name = 'Tennessee' OR
SP.Name = 'Kentucky' OR
SP.Name = 'Indiana'
GROUP BY SP.StateProvinceCode, SP.Name
```

The Results pane at the bottom displays the query output as a table with 3 rows and 3 columns: StateProvinceCode, Name, and Number Of Customers.

StateProvinceCode	Name	Number Of Customers	
1	IN	Indiana	113
2	KY	Kentucky	176
3	TN	Tennessee	176

The status bar at the bottom indicates the query was executed successfully, returning 3 rows.

Question 4:

The screenshot shows the Microsoft SQL Server Management Studio interface. The title bar indicates the connection is to 'DOMAS-PC\SQLEXPRESS.AdventureWorks2012 (Domas-PC\Domas (60))'. The 'Object Explorer' on the left lists various database objects, including tables in the 'Production' schema. The main query editor displays the following SQL query:

```
SELECT P.ProductID, P.Name
FROM Production.Product AS P
WHERE NOT EXISTS ( SELECT *
                  FROM Sales.SalesOrderDetail AS SO
                  WHERE P.ProductID = SO.ProductID )
```

The 'Results' pane at the bottom shows the output of the query, which is a list of 11 products. The status bar at the bottom indicates that the query was executed successfully, returning 238 rows.

ProductID	Name
1	Adjustable Race
2	BB Ball Bearing
3	Bearing Ball
4	Blade
5	Chain Stays
6	Chaining
7	Chaining Bolts
8	Chaining Nut
9	Cone-Shaped Race
10	Crown Race
11	Cup-Shaped Race

Question 5:

Windows 7 [Running]

SQLQuery22.sql - DOMAS-PC\SQLEXPRESS.AdventureWorks2012 (Domas-PC\Domas (60)) - Microsoft SQL Server Management Studio

File Edit View Query Project Debug Tools Window Help

AdventureWorks2012 Execute Debug

Object Explorer

- 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.ProductModelProductPhoto
- Production.ProductPhoto

SQLQuery23.sql - ...mas-PC\Domas (52)

```
SELECT P.ProductID, P.Name, COUNT (*) AS [Total Amount Ordered]
FROM Production.Product AS P
JOIN Sales.SalesOrderDetail AS SO
ON P.ProductID = SO.ProductID
GROUP BY P.ProductID, P.Name
ORDER BY [Total Amount Ordered]
```

SQLQuery22.sql - ...mas-PC\Domas (60)*

Results

	ProductID	Name	Total Amount Ordered
1	897	LL Touring Frame - Blue, 58	2
2	942	ML Mountain Frame-W - Silver, 38	5
3	943	LL Mountain Frame - Black, 40	6
4	911	LL Road Seat/Saddle	6
5	927	LL Mountain Frame - Black, 52	9
6	898	LL Touring Frame - Blue, 62	9
7	744	HL Mountain Frame - Black, 44	13
8	903	LL Touring Frame - Blue, 44	14
9	919	LL Mountain Frame - Silver, 48	16
10	902	LL Touring Frame - Yellow, 58	20
11	950	ML Crankset	28

Query executed success... | DOMAS-PC\SQLEXPRESS (11.0 RTM) | Domas-PC\Domas (60) | AdventureWorks2012 | 00:00:00 | 266 rows

Question 6:

Windows 7 [Running]

SQLQuery22.sql - DOMAS-PC\SQLEXPRESS.AdventureWorks2012 (Domas-PC\Domas (60))* - Microsoft SQL Server Management Studio

File Edit View Query Project Debug Tools Window Help

AdventureWorks2012 Execute Debug

Object Explorer

- 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.ProductModelProductPhoto
- Production.ProductPhoto
- Production.ProductProductPhoto

SQLQuery23.sql - ...mas-PC\Domas (52))

```
SELECT P.ProductID, P.Name, COUNT (*) AS [Total Amount Ordered]
FROM Production.Product AS P
JOIN Sales.SalesOrderDetail AS SO
ON P.ProductID = SO.ProductID

GROUP BY P.ProductID, P.Name

HAVING COUNT (*) > 50

ORDER BY [Total Amount Ordered]
```

SQLQuery22.sql - ...mas-PC\Domas (60))*

Results

	ProductID	Name	Total Amount Ordered
1	723	LL Road Frame - Black, 60	52
2	890	HL Touring Frame - Blue, 46	58
3	891	HL Touring Frame - Blue, 50	58
4	913	HL Road Seat/Saddle	60
5	941	Touring Pedal	71
6	745	HL Mountain Frame - Black, 48	76
7	757	Road-450 Red, 48	77
8	802	LL Fork	83
9	906	ML Mountain Frame-W - Silver, 46	87
10	833	ML Road Frame-W - Yellow, 40	88
11	741	HL Mountain Frame - Silver, 48	94

Query executed successfully... | DOMAS-PC\SQLEXPRESS (11.0 RTM) | Domas-PC\Domas (60) | AdventureWorks2012 | 00:00:00 | 241 rows