--Final Quiz:

/\* Run the Select \* from AdventureWorks2012.Person.StateProvince

and tell me how many name columns begin with the letter 'A' \*/

/\* Which region (Name) made the highest SalesYTD? Use a Subquery

Hint: Use a subquery to find Max value of the highest SaleYTD first \*/

/\* Using this table AdventureWorks2012.Person.StateProvince

How many territories are there in the Northwest region where TerritoryID = 1 \*/

/\* Which product was the most expensive in the [AdventureWorks2012].[Production].[Product] table?

Please give me the name, and the price of the product so that i can buy it for my wife? \*/

/\*

Execute:

Select \* From [AdventureWorks2012].[Production].[ProductReview]

Select \* From [AdventureWorks2012].[Production].[Product]

and tell me what specfic product was John Smith praising about

Hint: Use a Join for [AdventureWorks2012].[Production].[ProductReview] and [AdventureWorks2012].[Production].[Product]

\*/

/\*

I tried the Mountain Bike Socks and they were great! Can you replace his comments from 'lightweight' 'increadibley light' in upper case.

Hint: Use the Replace and Upper commands with an inner join \*/

--This table has beem created and has data inserted

--Use TSQL

--Go

--Create Table People

--(Fname varchar (20),

--Lname varchar (20),

--DateOfBirth varchar (20),

--Gender char (1))

--Insert Into People

--Values ('Bob','Smith','02-01-1961','M'),

--('Brandy','Jones','04-16-1981','F'),

--('Leslie','Mellon','05-01-2000','F'),

--('Henry','Wonders','02-01-1961','M'),

--('Jack','Palmer','07-10-1941','M')

--Select \* From People

/\* What is the age of Henry in months,days,mins?

Hint: use datediff \*/

/\* Select all those people who are female and change the F to Female from the People table

Hint: Use a case statement \*/

--Drop the table People

------------------------------------------Scrol down for answers-----------------------------------------

--Final Quiz:

/\* Run a Select \* from AdventureWorks2012.Person.StateProvince

and tell me how many name columns begin with the letter 'A' \*/

Select \*

From AdventureWorks2012.Person.StateProvince

Where Name Like 'a%'

/\* Which region (Name) made the highest SalesYTD? Use a Subquery

Hint: Use a subquery to find Max value of the highest SaleYTD first \*/

Select \*

From AdventureWorks2012.Sales.SalesTerritory

Where SalesYTD = (Select Max(SalesYTD)

From AdventureWorks2012.Sales.SalesTerritory AS HighestSales)

/\* Using this table AdventureWorks2012.Person.StateProvince

How many territories are there in the Northwest region where TerritoryID = 1 \*/

Select Name

From AdventureWorks2012.Person.StateProvince

Where TerritoryID = 1

Group By Name

/\* Which product was the most expensive in the [AdventureWorks2012].[Production].[Product] table?

Please give me the name, and the price of the product so that i can buy it for my wife? \*/

Select MAX(StandardCost) AS [The Most Expensive]

From [AdventureWorks2012].[Production].[Product]

Select ProductID, Name, MAX(StandardCost) AS [The Most Expensive]

From [AdventureWorks2012].[Production].[Product]

Group By ProductID, Name

Having MAX(StandardCost)>= 2171.2942

Order By [The Most Expensive] Desc

/\*

Execute:

Select \* From [AdventureWorks2012].[Production].[ProductReview]

Select \* From [AdventureWorks2012].[Production].[Product]

and tell me what specfic product was John Smith praising about

Hint: Use a Join for [AdventureWorks2012].[Production].[ProductReview] and [AdventureWorks2012].[Production].[Product]

\*/

Select p.[Name], p.[ProductID],pr.[Comments]

From

[AdventureWorks2012].[Production].[ProductReview] as pr

Inner Join

[AdventureWorks2012].[Production].[Product] as p

ON pr.productid = p.productid

where pr.reviewername = 'John Smith'

/\*

I tried the Mountain Bike Socks and they were great! Can you replace his comments from 'lightweight' 'increadibley light' in upper case.

Hint: Use the Replace and Upper commands with an inner join \*/

Select p.[Name], p.[ProductID],Replace(pr.[Comments],'lightweight', UPPER('Incredibley\_Lightweight'))AS Comments

From

[AdventureWorks2012].[Production].[ProductReview] as pr

Inner Join

[AdventureWorks2012].[Production].[Product] as p

ON pr.productid = p.productid

where pr.reviewername = 'John Smith'

--This table has beem created and has data inserted

--Use TSQL

--Go

--Create Table People

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--('Henry','Wonders','02-01-1961','M'),

--('Jack','Palmer','07-10-1941','M')

--Select \* From People

/\* What is the age of Henry in months,days,mins?

Hint: use datediff \*/

Select Fname, Lname, dateofbirth,Datediff(day,dateofbirth, GETDATE()) AS AgeInDays,

Datediff(month,dateofbirth, GETDATE()) AS AgeInMonth,

Datediff(MINUTE,dateofbirth, GETDATE()) AS AgeInMinutes

From People

Where Fname = 'Henry'

/\* Select all those people who are female and change the F to Female from the People table

Hint: Use a case statement \*/

Select Fname, Lname, Gender,

CASE When gender = 'F' Then 'Female'

Else 'Male'

End As 'Females'

From People

Where Gender = 'F'

--Drop the table People

Drop Table People