

## Re: Should be simple but....

**Source:**

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.programming/2004-11/2741.html>

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**Date:** 11/11/04

Date: Thu, 11 Nov 2004 16:41:07 +0530

Here is an example using Northwind

```
DECLARE @CustID VARCHAR(10)
SET @CustId ='ALFKI'

SELECT * FROM
(
SELECT C.ContactName, Sum(OD.UnitPrice * OD.Quantity) as TotalPurchase
FROM Customers C
INNER JOIN ORDERS O
ON O.CustomerID = C.CustomerId
INNER JOIN [ORDER DETAILS] OD
ON O.OrderId = OD.OrderID
WHERE C.CustomerId = @CustId
GROUP BY C.ContactName
UNION ALL
SELECT TOP 2 C.ContactName, Sum(OD.UnitPrice * OD.Quantity) as TotalPurchase
FROM Customers C
INNER JOIN ORDERS O
ON O.CustomerID = C.CustomerId
INNER JOIN [ORDER DETAILS] OD
ON O.OrderId = OD.OrderID
GROUP BY C.ContactName
HAVING Sum(OD.UnitPrice * OD.Quantity) <
(SELECT Sum(OD.UnitPrice * OD.Quantity)
FROM Customers C
INNER JOIN ORDERS O
ON O.CustomerID = C.CustomerId
INNER JOIN [ORDER DETAILS] OD
ON O.OrderId = OD.OrderID
WHERE C.CustomerId = @CustId
GROUP BY C.ContactName)
UNION ALL
SELECT TOP 2 C.ContactName, Sum(OD.UnitPrice * OD.Quantity) as TotalPurchase
FROM Customers C
INNER JOIN ORDERS O
ON O.CustomerID = C.CustomerId
```

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```
INNER JOIN [ORDER DETAILS] OD
ON O.OrderId = OD.OrderID
GROUP BY C.ContactName
HAVING Sum(OD.UnitPrice * OD.Quantity) >
(SELECT Sum(OD.UnitPrice * OD.Quantity)
FROM Customers C
INNER JOIN ORDERS O
ON O.CustomerID = C.CustomerId
INNER JOIN [ORDER DETAILS] OD
ON O.OrderId = OD.OrderID
WHERE C.CustomerId = @CustId
GROUP BY C.ContactName)
)T ORDER BY T.TotalPurchase
```

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Roji. P. Thomas

Net Asset Management

<https://www.netassetmanagement.com>

"Geir Holme" <geir@multicase.no> wrote in message

news:eISn7t9xEHA.908@TK2MSFTNGP11.phx.gbl...

> Hi all.

> I have a little chalange picking 5 rows sumarizing the price and group by  
> the customer. I want my list to put my spesifik customer into the midle  
> row (3) and the 2 customer that has shopped for more in the next rows (4  
> and 5) and the 2 customers that has shopped for less in the 2 first rows  
> (1 and 2). I am supposed to show this in a graph so the customer in  
> question can see how much he has shopped for AND also see the 2 customers  
> closest on both sides. This is used in a competition to show how far it is  
> to get one place up (or down).  
> I hope anyone understood my chalange here.

>

> I do know how to do this, but not how to do it in an efficent way. (Using  
> loops, tests and stuff)

>

> thanks all

> -gh

>