

Lab Assignment for Week #12 (HSD – MS SQL Server)
(Project Questions from Chapter 12 of the textbook)

(NOTE: Screen shot examples in these instructions may be different than your screen shot values)

Screen Shot #1: Displaying the view contents

Read pages 588 through 617 of Chapter 12 (from the textbook – 15th edition)

IMPORTANT IMPORTANT IMPORTANT

**When populating the CUSTOMER table in the HSD database, ensure that the customer “Able, Ralph” has been changed to reflect your last and first name respectively
(DO NOT change any other column values).**

IMPORTANT IMPORTANT IMPORTANT

IMPORTANT: Ensure that the view HSDDWTOTALSALESVIEW is visible in the object panel on the left and that the records of the view are visible in the SQL query panel on the right. The records containing your name must be visible in the screen shot.

The screenshot shows the Microsoft SQL Server Enterprise Manager interface. On the left, the Object Explorer displays the HSD database structure, including tables and views. The view **dbo.HSDDWTotalSalesView** is highlighted. On the right, the SQL query window shows the following query:

```
SELECT * FROM HSDDWTotalSalesView
ORDER BY CustomerName;
```

The Results pane at the bottom displays the data returned by the query. The data is as follows:

CustomerID	CustomerName	ProductNumber	ProductName	Total	
22	8	Hullett, Shawn	VK004	Heather Sweeney Seminar Live in Dallas on 25-OCT...	24.95
23	3	Ilgun, Abdullah	VB001	Kitchen Remodeling Basics	7.99
24	3	Ilgun, Abdullah	VK001	Kitchen Remodeling Basics	14.95
25	3	Ilgun, Abdullah	BK001	Kitchen Remodeling Basics For Everyone	24.95
26	3	Ilgun, Abdullah	BK002	Advanced Kitchen Remodeling For Everyone	24.95
27	3	Ilgun, Abdullah	VB001	Kitchen Remodeling Basics	7.99
28	3	Ilgun, Abdullah	VB002	Advanced Kitchen Remodeling I	15.98
29	3	Ilgun, Abdullah	VK001	Kitchen Remodeling Basics	14.95
30	3	Ilgun, Abdullah	VK002	Advanced Kitchen Remodeling	29.90
31	1	Jacobs, Nancy	BK001	Kitchen Remodeling Basics For Everyone	24.95
32	1	Jacobs, Nancy	VB001	Kitchen Remodeling Basics	7.99

The status bar at the bottom indicates that the query was executed successfully, showing 48 rows.

Screen Shot #2: Displaying the pivot table

Read pages 588 through 617 of Chapter 12 (from the textbook – 15th edition)

Display the Excel pivot table (similar to the screen shot below).

IMPORTANT – Ensure that the pivot table addresses the following six points (please view the example for the lab assignment):

1. Pivot table has appropriate colour scheme (your choice)
2. All header cells labelled appropriately (for the Customer and Product columns)
3. Product and Customer filter buttons are functional
4. All cells with numerical values are in Currency format (Hint: you DO NOT type in the dollar sign nor decimal point)
5. All values and titles are centered horizontally and vertically
6. All columns (except the Customer column) are of equal width

IMPORTANT: Ensure that the complete pivot table is visible in the screen shot. The row containing your name must be visible in the screen shot.

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	A	B	C	D	E	F	G	H	I	J	K	L	M
1													
2													
3		Customer Name	Product Name Selection										
4		Customer Name Selection	Advanced Kitchen Remodeling	Advanced Kitchen Remodeling For Everyone	Advanced Kitchen Remodeling Video Companion	Heather Sweeney Seminar Live in Dallas on 25-OCT-16	Kitchen Remodeling Basics	Kitchen Remodeling Basics For Everyone	Kitchen Remodeling Basics Video Companion	Kitchen Remodeling Dallas Style	Kitchen Remodeling Dallas Style Video Companion	Grand Total	
5		Baker, Susan	\$14.95	\$24.95		\$24.95	\$14.95	\$24.95	\$7.99			\$112.74	
6		Eagleton, Sam					\$14.95	\$24.95	\$7.99			\$47.89	
7		Foxtrot, Kathy	\$14.95	\$24.95		\$24.95				\$19.95	\$9.99	\$94.79	
8		George, Sally		\$24.95		\$49.90		\$24.95		\$19.95		\$119.75	
9		Hullett, Shawn				\$24.95				\$19.95	\$9.99	\$54.89	
10		Ilgun, Abdullah	\$29.90	\$24.95	\$15.98		\$29.90	\$24.95	\$15.98			\$141.66	
11		Jacobs, Nancy					\$14.95	\$24.95	\$7.99			\$47.89	
12		Pearson, Bobbi	\$14.95		\$7.99		\$14.95	\$24.95	\$7.99			\$70.83	
13		Tyler, Jenny	\$29.90		\$15.98	\$49.90				\$39.90	\$19.98	\$155.66	
14		Wayne, Joan	\$14.95	\$24.95		\$24.95				\$19.95	\$9.99	\$94.79	
15		Grand Total	\$119.60	\$124.75	\$39.95	\$199.60	\$89.70	\$149.70	\$47.94	\$119.70	\$49.95	\$940.89	
16													

Sheet6

Sheet5

Sheet3

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Ready

100%

Screen Shot #3: Displaying the pivot table with the Product and Customer filters activated Read pages 588 through 617 of Chapter 12 (from the textbook – 15th edition)

Display the Excel pivot table, with the Customer and Product filters being used, such that:

- The following customers are displayed:
 - Your name (originally Able, Ralph)
 - Foxtrot, Kathy
 - Tyler, Jenny
- The following products are displayed:
 - All product titles beginning with the word “Advanced” (3 product titles).

IMPORTANT – Ensure that the filtered pivot table addresses the following six points (please view the example provided for the lab assignment - referred to in screen shot #1):

- Pivot table has appropriate colour scheme (your choice)
- All header cells labelled appropriately
- Product and Customer filter buttons are functional
- All cells with numerical values are in Currency format (Hint: you **DO NOT** type in the dollar sign nor decimal point)
- All values and titles are centered horizontally and vertically
- All columns (except the Customer column) are of equal width

Customer Name	Product Name Selection			
Customer Name Selection	Advanced Kitchen Remodeling	Advanced Kitchen Remodeling For Everyone	Advanced Kitchen Remodeling Video Companion	Grand Total
Foxtrot, Kathy	\$14.95	\$24.95		\$39.90
Ilgun, Abdullah	\$29.90	\$24.95	\$15.98	\$70.83
Tyler, Jenny	\$29.90	\$15.98		\$45.88
Grand Total	\$74.75	\$49.90	\$31.96	\$156.61