

Exercise 1:

\*You have a list of repeating group names.

\*Using a pivot table, count how many times each group name appears in the list.

\*Keep pivot table in this tab.

Notice that this pivot table is a list comprised of each group name only occurring once.

Then, within the pivot table, put the list in decreasing order based on the number of times the name appears in the list.

**Group Name**

Buttersworth Co  
Marleyville Tea  
Marleyville Tea  
Marleyville Tea  
Postcards Store  
Buttersworth Co  
Postcards Store  
Buttersworth Co  
Buttersworth Co  
Examineers Inc  
Postcards Store  
Buttersworth Co  
FASST Trax  
Hehehe  
Randles Roadshack  
Hehehe  
Marleyville Tea  
FASST Trax  
Randles Roadshack  
Examineers Inc  
Randles Roadshack  
Creepy Lada  
Marleyville Tea  
Buttersworth Co  
Hehehe  
FASST Trax  
Hula Hoopers  
Buttersworth Co  
Randles Roadshack  
Hehehe  
Hehehe  
Postcards Store  
Randles Roadshack  
Hula Hoopers  
Buttersworth Co  
FASST Trax  
FASST Trax  
Creepy Lada  
Hehehe  
Creepy Lada  
Petie's Palace  
Postcards Store  
Examineers Inc  
FASST Trax  
Hehehe  
Randles Roadshack  
Hula Hoopers  
Examineers Inc  
Buttersworth Co  
Postcards Store  
Marleyville Tea

Creepy Lada  
Buttersworth Co  
Buttersworth Co  
Examineers Inc  
Examineers Inc  
FASST Trax  
Marleyville Tea  
Creepy Lada  
Hehehe  
Jokes R Us  
Marleyville Tea  
Hehehe  
Buttersworth Co  
Randles Roadshack  
Postcards Store  
Examineers Inc  
Marleyville Tea  
Postcards Store  
Postcards Store  
Postcards Store  
Buttersworth Co  
Randles Roadshack  
FASST Trax  
Postcards Store  
Marleyville Tea  
Hula Hoopers  
Buttersworth Co  
Postcards Store  
Hula Hoopers  
Hehehe  
Hehehe  
Randles Roadshack  
Hula Hoopers  
FASST Trax  
Postcards Store  
FASST Trax  
Buttersworth Co  
Examineers Inc  
Marleyville Tea  
Hula Hoopers  
Postcards Store  
FASST Trax  
Creepy Lada  
Postcards Store  
Hula Hoopers  
FASST Trax  
Petie's Palace  
Randles Roadshack  
Postcards Store  
Examineers Inc  
Buttersworth Co  
Jokes R Us

Randles Roadshack  
Buttersworth Co  
Creepy Lada  
Examineers Inc  
Randles Roadshack  
Examineers Inc  
Examineers Inc  
Hehehe  
Buttersworth Co  
Randles Roadshack  
Postcards Store  
Randles Roadshack  
Postcards Store  
Randles Roadshack  
Marleyville Tea  
Randles Roadshack  
Hula Hoopers  
Hehehe  
FASST Trax  
FASST Trax  
Hehehe  
Marleyville Tea  
Postcards Store  
Jokes R Us  
Examineers Inc  
Postcards Store  
Marleyville Tea  
Hula Hoopers  
Postcards Store  
Petie's Palace  
Examineers Inc  
Postcards Store  
Examineers Inc  
Creepy Lada  
Randles Roadshack  
Buttersworth Co  
Jokes R Us  
Examineers Inc  
Hula Hoopers  
Hehehe  
Randles Roadshack  
Petie's Palace  
Creepy Lada  
Jokes R Us  
Petie's Palace  
Hehehe  
Buttersworth Co  
Randles Roadshack  
Hula Hoopers  
Examineers Inc  
Hula Hoopers  
Examineers Inc

Creepy Lada  
Creepy Lada  
FASST Trax  
Postcards Store  
FASST Trax  
Hula Hoopers  
Buttersworth Co  
Postcards Store  
Jokes R Us  
Randles Roadshack  
Postcards Store  
Randles Roadshack  
Jokes R Us  
Postcards Store  
Buttersworth Co  
Postcards Store  
FASST Trax  
FASST Trax  
Marleyville Tea  
Buttersworth Co  
Hula Hoopers  
Hula Hoopers  
Petie's Palace  
Hehehe  
Randles Roadshack  
Examineers Inc  
Examineers Inc  
Examineers Inc  
Randles Roadshack  
Marleyville Tea  
Jokes R Us  
Hula Hoopers  
Postcards Store  
Buttersworth Co  
Hula Hoopers  
Examineers Inc  
Postcards Store  
Examineers Inc  
Hula Hoopers  
Postcards Store  
Postcards Store  
Hehehe  
Hehehe  
Buttersworth Co  
Hehehe  
Jokes R Us  
Petie's Palace  
Marleyville Tea  
FASST Trax  
Creepy Lada  
Petie's Palace  
Examineers Inc

Examineers Inc  
Hehehe  
Marleyville Tea  
Hula Hoopers  
Buttersworth Co  
Marleyville Tea  
Examineers Inc  
FASST Trax  
Randles Roadshack  
Hehehe  
Postcards Store  
Randles Roadshack  
Postcards Store  
Randles Roadshack  
Examineers Inc  
Randles Roadshack  
Hehehe  
Examineers Inc  
Hula Hoopers  
Hehehe  
Jokes R Us  
Hula Hoopers  
Petie's Palace  
Hula Hoopers  
Examineers Inc  
Randles Roadshack  
Hula Hoopers  
Marleyville Tea  
FASST Trax  
Postcards Store  
Creepy Lada  
Hehehe  
Buttersworth Co  
Hula Hoopers  
Postcards Store  
Hehehe  
Hula Hoopers  
Creepy Lada  
Hula Hoopers  
Randles Roadshack  
Postcards Store  
Jokes R Us  
Postcards Store  
Examineers Inc  
Buttersworth Co  
Hula Hoopers  
Hehehe  
Petie's Palace  
Marleyville Tea  
FASST Trax  
Examineers Inc  
Hula Hoopers

FASST Trax  
FASST Trax  
Examineers Inc  
FASST Trax  
FASST Trax  
Jokes R Us  
Randles Roadshack  
Postcards Store  
Randles Roadshack  
Jokes R Us  
Examineers Inc  
Examineers Inc  
Randles Roadshack  
FASST Trax  
Buttersworth Co  
Petie's Palace  
Hula Hoopers  
Jokes R Us  
Postcards Store  
Hehehe  
Buttersworth Co  
Postcards Store  
Marleyville Tea  
Randles Roadshack  
Jokes R Us  
Randles Roadshack  
Randles Roadshack  
Creepy Lada  
Buttersworth Co  
Marleyville Tea  
Marleyville Tea  
Hehehe  
FASST Trax  
Hehehe  
Creepy Lada  
Postcards Store  
Creepy Lada  
Randles Roadshack  
Creepy Lada  
Marleyville Tea  
Randles Roadshack  
Hula Hoopers  
Jokes R Us  
FASST Trax  
FASST Trax  
Hula Hoopers  
Creepy Lada  
FASST Trax  
Buttersworth Co  
Creepy Lada  
Postcards Store  
FASST Trax

**Exercise 2**

There are preset 3 segments that all groups are put into:

Big

Medium

Tiny

Using a pivot table, create a table displaying Revenue for each segment.

Keep pivot table in this tab.

Large \$ amounts (over \$100 or so) are typically shown with zero decimals.

<u>Group Segment</u>	<u>Revenue</u>	<u>Expenses</u>
Medium	8249.328	594.8782
Medium	6557.873	83.33939
Small	6180.036	551.2668
Medium	9915.454	336.8577
Small	4047.669	481.0083
Small	4797.088	962.3551
Small	6537.8	931.9697
Medium	3151.423	848.2135
Big	9504.782	827.5632
Medium	9378.14	566.7977
Big	6772.133	436.88
Small	1854.632	930.5483
Big	8303.943	680.7504
Small	6741.46	418.0317
Small	4151.44	336.4056
Small	7972.302	917.1406
Big	10331.58	440.4744
Small	3695.193	217.6563
Small	7904.294	764.5839
Medium	849.2599	94.51704
Big	7157.628	915.9245
Medium	3712.565	432.5486
Small	7596.44	134.8226
Small	2198.658	1037.294
Big	4723.996	463.2899
Medium	1331.265	959.2307
Medium	2743.803	222.9193
Big	5038.307	306.9577
Small	10458.27	692.7631
Small	7567.035	720.3191
Big	7688.434	851.8513
Small	4023.227	166.4942
Medium	4551.604	701.0457
Medium	2665.114	654.9797
Small	6589.125	278.1884
Medium	5220.427	589.1738
Medium	7282.189	387.5496
Small	6444.584	258.5027
Small	10299.03	287.8049
Small	9841.23	824.4757
Small	8237.848	48.29594
Medium	6221.249	414.8821
Medium	5401.242	877.9679
Small	10013.81	807.8508
Big	8466.7	450.5697
Small	8382.214	958.2512
Small	8105.417	647.6468
Small	10051.26	1003.73
Small	3667.201	680.7147
Small	7822.062	924.3563
Small	4575.527	657.6493
Small	3178.197	756.208
Small	1734.412	864.1464
Medium	8601.066	666.9246
Medium	8328.446	898.7092

Medium	9715.27	536.2619
Medium	4722.773	837.7133
Medium	3434.694	574.1249
Small	8696.756	581.4445
Medium	9195.08	1000.673
Big	4168.872	650.9037
Big	885.2432	323.9769
Medium	3222.211	760.2841
Small	3185.182	455.4647
Small	5050.976	618.326
Small	306.0781	275.3065
Small	9598.977	613.2912
Small	10338.8	979.852
Medium	7350.612	271.9879
Small	7506.473	408.0083
Small	1939.781	413.9418
Big	7692.217	1015.874
Big	1060.487	607.3437
Medium	738.5082	431.4749
Small	8174.839	206.6453
Small	4368.806	203.3753
Small	1292.52	123.1056
Big	2210.749	465.5262
Big	4240.745	737.0689
Small	5927.042	501.2388
Small	2597.354	489.987
Small	9549.487	835.0237
Small	3931.334	191.4213
Small	8578.804	670.2412
Big	1946.137	273.5117
Medium	9021.016	402.0587
Medium	5575.672	148.334
Big	1193.066	148.1347
Small	10340.53	250.0847
Small	5512.768	542.6187
Medium	2555.999	824.1295
Small	10157.81	508.1698
Medium	8921.522	259.3319
Big	10494.44	565.4319
Medium	7007.768	765.6917
Medium	4811.038	193.1749
Small	8657.827	171.6024
Medium	8204.321	278.7478
Small	4246.883	644.5165



### Exercise 3

Make a pivot table showing each segments revenue and expenses. Make sure to use both row headers and column headers. Have "Sum of Member Months" be the left most column.

Create a column adjacent to the pivot table that represents the Revenue and Expenses PMPM's. PMPM's are typically represented with dollar signs (\$) and to two decimal places.

Keep the table in this tab.

<u>Group Segment</u>	<u>Revenue</u>	<u>Expenses</u>	<u>Member Months</u>
Medium	8249.328	594.8782	13
Medium	6557.873	83.33939	9
Small	6180.036	551.2668	51
Medium	9915.454	336.8577	97
Small	4047.669	481.0083	92
Small	4797.088	962.3551	63
Small	6537.8	931.9697	43
Medium	3151.423	848.2135	64
Big	9504.782	827.5632	28
Medium	9378.14	566.7977	41
Big	6772.133	436.88	75
Small	1854.632	930.5483	21
Big	8303.943	680.7504	13
Small	6741.46	418.0317	96
Small	4151.44	336.4056	20
Small	7972.302	917.1406	43
Big	10331.58	440.4744	94
Small	3695.193	217.6563	98
Small	7904.294	764.5839	13
Medium	849.2599	94.51704	57
Big	7157.628	915.9245	20
Medium	3712.565	432.5486	4
Small	7596.44	134.8226	63
Small	2198.658	1037.294	13
Big	4723.996	463.2899	84
Medium	1331.265	959.2307	39
Medium	2743.803	222.9193	73
Big	5038.307	306.9577	41
Small	10458.27	692.7631	41
Small	7567.035	720.3191	6
Big	7688.434	851.8513	100
Small	4023.227	166.4942	38
Medium	4551.604	701.0457	17
Medium	2665.114	654.9797	97
Small	6589.125	278.1884	24
Medium	5220.427	589.1738	90
Medium	7282.189	387.5496	65
Small	6444.584	258.5027	15
Small	10299.03	287.8049	72
Small	9841.23	824.4757	12
Small	8237.848	48.29594	87
Medium	6221.249	414.8821	92
Medium	5401.242	877.9679	90
Small	10013.81	807.8508	60
Big	8466.7	450.5697	71
Small	8382.214	958.2512	51
Small	8105.417	647.6468	88
Small	10051.26	1003.73	36
Small	3667.201	680.7147	96
Small	7822.062	924.3563	14
Small	4575.527	657.6493	13
Small	3178.197	756.208	24
Small	1734.412	864.1464	28
Medium	8601.066	666.9246	24

Medium	8328.446	898.7092	88
Medium	9715.27	536.2619	34
Medium	4722.773	837.7133	6
Medium	3434.694	574.1249	98
Small	8696.756	581.4445	41
Medium	9195.08	1000.673	88
Big	4168.872	650.9037	57
Big	885.2432	323.9769	59
Medium	3222.211	760.2841	32
Small	3185.182	455.4647	99
Small	5050.976	618.326	27
Small	306.0781	275.3065	39
Small	9598.977	613.2912	90
Small	10338.8	979.852	57
Medium	7350.612	271.9879	46
Small	7506.473	408.0083	12
Small	1939.781	413.9418	21
Big	7692.217	1015.874	40
Big	1060.487	607.3437	31
Medium	738.5082	431.4749	42
Small	8174.839	206.6453	6
Small	4368.806	203.3753	27
Small	1292.52	123.1056	64
Big	2210.749	465.5262	86
Big	4240.745	737.0689	64
Small	5927.042	501.2388	22
Small	2597.354	489.987	41
Small	9549.487	835.0237	28
Small	3931.334	191.4213	59
Small	8578.804	670.2412	13
Big	1946.137	273.5117	47
Medium	9021.016	402.0587	72
Medium	5575.672	148.334	20
Big	1193.066	148.1347	72
Small	10340.53	250.0847	8
Small	5512.768	542.6187	61
Medium	2555.999	824.1295	93
Small	10157.81	508.1698	63
Medium	8921.522	259.3319	18
Big	10494.44	565.4319	81
Medium	7007.768	765.6917	92
Medium	4811.038	193.1749	23
Small	8657.827	171.6024	41
Medium	8204.321	278.7478	97
Small	4246.883	644.5165	22

#### Exercise 4

Create a column entitled "Net Income/Loss." This column will represent Revenue minus Expenses.

Make a pivot table representing Each Segment and Subdivision by Revenue, Expenses, and Net Income. Use row headers and column headers.

Keep pivot table in this tab.

<u>Subdivision</u>	<u>Group Segment</u>	<u>Revenue</u>	<u>Expenses</u>
Bigger	Medium	8249.328	594.8782
Bigger	Medium	6557.873	83.33939
Pretty Small	Small	6180.036	551.2668
Bigger	Medium	9915.454	336.8577
Very Small	Small	4047.669	481.0083
Pretty Small	Small	4797.088	962.3551
Pretty Small	Small	6537.8	931.9697
Not as Big	Medium	3151.423	848.2135
Not Real Big	Big	9504.782	827.5632
Not as Big	Medium	9378.14	566.7977
Not Real Big	Big	6772.133	436.88
Pretty Small	Small	1854.632	930.5483
More than 500	Big	8303.943	680.7504
Pretty Small	Small	6741.46	418.0317
Very Small	Small	4151.44	336.4056
Pretty Small	Small	7972.302	917.1406
Not Real Big	Big	10331.58	440.4744
Pretty Small	Small	3695.193	217.6563
Pretty Small	Small	7904.294	764.5839
Bigger	Medium	849.2599	94.51704
More than 500	Big	7157.628	915.9245
Bigger	Medium	3712.565	432.5486
Very Small	Small	7596.44	134.8226
Very Small	Small	2198.658	1037.294
Not Real Big	Big	4723.996	463.2899
Bigger	Medium	1331.265	959.2307
Not as Big	Medium	2743.803	222.9193
More than 500	Big	5038.307	306.9577
Very Small	Small	10458.27	692.7631
Pretty Small	Small	7567.035	720.3191
More than 500	Big	7688.434	851.8513
Pretty Small	Small	4023.227	166.4942
Not as Big	Medium	4551.604	701.0457
Not as Big	Medium	2665.114	654.9797
Very Small	Small	6589.125	278.1884
Not as Big	Medium	5220.427	589.1738
Not as Big	Medium	7282.189	387.5496
Pretty Small	Small	6444.584	258.5027
Very Small	Small	10299.03	287.8049
Pretty Small	Small	9841.23	824.4757
Very Small	Small	8237.848	48.29594
Bigger	Medium	6221.249	414.8821
Bigger	Medium	5401.242	877.9679
Very Small	Small	10013.81	807.8508
More than 500	Big	8466.7	450.5697
Pretty Small	Small	8382.214	958.2512
Very Small	Small	8105.417	647.6468
Very Small	Small	10051.26	1003.73
Pretty Small	Small	3667.201	680.7147
Pretty Small	Small	7822.062	924.3563
Very Small	Small	4575.527	657.6493
Pretty Small	Small	3178.197	756.208
Pretty Small	Small	1734.412	864.1464
Bigger	Medium	8601.066	666.9246

Bigger	Medium	8328.446	898.7092
Not as Big	Medium	9715.27	536.2619
Bigger	Medium	4722.773	837.7133
Not as Big	Medium	3434.694	574.1249
Very Small	Small	8696.756	581.4445
Not as Big	Medium	9195.08	1000.673
Not Real Big	Big	4168.872	650.9037
Not Real Big	Big	885.2432	323.9769
Bigger	Medium	3222.211	760.2841
Pretty Small	Small	3185.182	455.4647
Pretty Small	Small	5050.976	618.326
Very Small	Small	306.0781	275.3065
Pretty Small	Small	9598.977	613.2912
Very Small	Small	10338.8	979.852
Bigger	Medium	7350.612	271.9879
Very Small	Small	7506.473	408.0083
Very Small	Small	1939.781	413.9418
More than 500	Big	7692.217	1015.874
Not Real Big	Big	1060.487	607.3437
Bigger	Medium	738.5082	431.4749
Very Small	Small	8174.839	206.6453
Very Small	Small	4368.806	203.3753
Pretty Small	Small	1292.52	123.1056
More than 500	Big	2210.749	465.5262
Not Real Big	Big	4240.745	737.0689
Very Small	Small	5927.042	501.2388
Very Small	Small	2597.354	489.987
Very Small	Small	9549.487	835.0237
Pretty Small	Small	3931.334	191.4213
Pretty Small	Small	8578.804	670.2412
More than 500	Big	1946.137	273.5117
Not as Big	Medium	9021.016	402.0587
Not as Big	Medium	5575.672	148.334
More than 500	Big	1193.066	148.1347
Very Small	Small	10340.53	250.0847
Very Small	Small	5512.768	542.6187
Not as Big	Medium	2555.999	824.1295
Pretty Small	Small	10157.81	508.1698
Bigger	Medium	8921.522	259.3319
More than 500	Big	10494.44	565.4319
Bigger	Medium	7007.768	765.6917
Not as Big	Medium	4811.038	193.1749
Pretty Small	Small	8657.827	171.6024
Bigger	Medium	8204.321	278.7478
Pretty Small	Small	4246.883	644.5165

**Exercise 5**

Make a pivot table of Expenses by Service Month and Paid Month for just the "Big" group segment.

Keep pivot table in this tab.

The result is referred to as a Claims Lag Triangle.

<u>Subdivision</u>	<u>Group Segment</u>	<u>Revenue</u>	<u>Expenses</u>
Bigger	Medium	8249.328	594.8782
Bigger	Medium	6557.873	83.33939
Pretty Small	Small	6180.036	551.2668
Bigger	Medium	9915.454	336.8577
Very Small	Small	4047.669	481.0083
Pretty Small	Small	4797.088	962.3551
Pretty Small	Small	6537.8	931.9697
Not as Big	Medium	3151.423	848.2135
Not Real Big	Big	9504.782	827.5632
Not as Big	Medium	9378.14	566.7977
Not Real Big	Big	6772.133	436.88
Pretty Small	Small	1854.632	930.5483
More than 500	Big	8303.943	680.7504
Pretty Small	Small	6741.46	418.0317
Very Small	Small	4151.44	336.4056
Pretty Small	Small	7972.302	917.1406
Not Real Big	Big	10331.58	440.4744
Pretty Small	Small	3695.193	217.6563
Pretty Small	Small	7904.294	764.5839
Bigger	Medium	849.2599	94.51704
More than 500	Big	7157.628	915.9245
Bigger	Medium	3712.565	432.5486
Very Small	Small	7596.44	134.8226
Very Small	Small	2198.658	1037.294
Not Real Big	Big	4723.996	463.2899
Bigger	Medium	1331.265	959.2307
Not as Big	Medium	2743.803	222.9193
More than 500	Big	5038.307	306.9577
Very Small	Small	10458.27	692.7631
Pretty Small	Small	7567.035	720.3191
More than 500	Big	7688.434	851.8513
Pretty Small	Small	4023.227	166.4942
Not as Big	Medium	4551.604	701.0457
Not as Big	Medium	2665.114	654.9797
Very Small	Small	6589.125	278.1884
Not as Big	Medium	5220.427	589.1738
Not as Big	Medium	7282.189	387.5496
Pretty Small	Small	6444.584	258.5027
Very Small	Small	10299.03	287.8049
Pretty Small	Small	9841.23	824.4757
Very Small	Small	8237.848	48.29594
Bigger	Medium	6221.249	414.8821
Bigger	Medium	5401.242	877.9679
Very Small	Small	10013.81	807.8508
More than 500	Big	8466.7	450.5697
Pretty Small	Small	8382.214	958.2512
Very Small	Small	8105.417	647.6468
Very Small	Small	10051.26	1003.73
Pretty Small	Small	3667.201	680.7147
Pretty Small	Small	7822.062	924.3563
Very Small	Small	4575.527	657.6493
Pretty Small	Small	3178.197	756.208
Pretty Small	Small	1734.412	864.1464
Bigger	Medium	8601.066	666.9246

Bigger	Medium	8328.446	898.7092
Not as Big	Medium	9715.27	536.2619
Bigger	Medium	4722.773	837.7133
Not as Big	Medium	3434.694	574.1249
Very Small	Small	8696.756	581.4445
Not as Big	Medium	9195.08	1000.673
Not Real Big	Big	4168.872	650.9037
Not Real Big	Big	885.2432	323.9769
Bigger	Medium	3222.211	760.2841
Pretty Small	Small	3185.182	455.4647
Pretty Small	Small	5050.976	618.326
Very Small	Small	306.0781	275.3065
Pretty Small	Small	9598.977	613.2912
Very Small	Small	10338.8	979.852
Bigger	Medium	7350.612	271.9879
Very Small	Small	7506.473	408.0083
Very Small	Small	1939.781	413.9418
More than 500	Big	7692.217	1015.874
Not Real Big	Big	1060.487	607.3437
Bigger	Medium	738.5082	431.4749
Very Small	Small	8174.839	206.6453
Very Small	Small	4368.806	203.3753
Pretty Small	Small	1292.52	123.1056
More than 500	Big	2210.749	465.5262
Not Real Big	Big	4240.745	737.0689
Very Small	Small	5927.042	501.2388
Very Small	Small	2597.354	489.987
Very Small	Small	9549.487	835.0237
Pretty Small	Small	3931.334	191.4213
Pretty Small	Small	8578.804	670.2412
More than 500	Big	1946.137	273.5117
Not as Big	Medium	9021.016	402.0587
Not as Big	Medium	5575.672	148.334
More than 500	Big	1193.066	148.1347
Very Small	Small	10340.53	250.0847
Very Small	Small	5512.768	542.6187
Not as Big	Medium	2555.999	824.1295
Pretty Small	Small	10157.81	508.1698
Bigger	Medium	8921.522	259.3319
More than 500	Big	10494.44	565.4319
Bigger	Medium	7007.768	765.6917
Not as Big	Medium	4811.038	193.1749
Pretty Small	Small	8657.827	171.6024
Bigger	Medium	8204.321	278.7478
Pretty Small	Small	4246.883	644.5165

<u>Service Month</u>	<u>Paid Month</u>
Jan-07	Feb-07
Feb-07	Apr-07
Mar-07	Apr-07
Apr-07	May-07
May-07	May-07
Jan-07	Apr-07
Feb-07	Feb-07
Mar-07	Jun-07
Apr-07	Sep-07
May-07	May-07
Jan-07	Jan-07
Feb-07	Feb-07
Mar-07	Apr-07
Apr-07	Apr-07
May-07	Jun-07
Jan-07	Jan-07
Feb-07	Feb-07
Mar-07	Apr-07
Apr-07	Jun-07
May-07	May-07
Jan-07	Jan-07
Feb-07	May-07
Mar-07	May-07
Apr-07	Apr-07
May-07	May-07
Jan-07	Jan-07
Feb-07	Mar-07
Mar-07	Mar-07
Apr-07	Apr-07
May-07	May-07
Jan-07	Jan-07
Feb-07	Feb-07
Mar-07	Mar-07
Apr-07	Apr-07
May-07	Jun-07
Jan-07	Jul-07
Feb-07	Feb-07
Mar-07	Apr-07
Apr-07	May-07
May-07	May-07
Jan-07	Jan-07
Feb-07	Apr-07
Mar-07	Apr-07
Apr-07	Jun-07
May-07	May-07
Jan-07	May-07
Feb-07	Mar-07
Mar-07	Apr-07
Apr-07	Apr-07
May-07	May-07
Jan-07	Feb-07
Feb-07	Feb-07
Mar-07	Mar-07
Apr-07	May-07

May-07	Jun-07
Jan-07	Jan-07
Feb-07	Mar-07
Mar-07	Apr-07
Apr-07	Apr-07
May-07	Aug-07
Jan-07	Feb-07
Feb-07	Feb-07
Mar-07	Apr-07
Apr-07	May-07
May-07	Jun-07
Jan-07	Jan-07
Feb-07	Feb-07
Mar-07	Apr-07
Apr-07	Jul-07
May-07	Aug-07
Jan-07	Feb-07
Feb-07	Feb-07
Mar-07	Apr-07
Apr-07	May-07
May-07	May-07
Jan-07	Feb-07
Feb-07	Jun-07
Mar-07	Mar-07
Apr-07	May-07
May-07	May-07
Jan-07	Jan-07
Feb-07	Mar-07
Mar-07	Apr-07
Apr-07	Apr-07
May-07	Jun-07
Jan-07	Jan-07
Feb-07	Mar-07
Mar-07	Apr-07
Apr-07	Apr-07
May-07	May-07
Jan-07	Jan-07
Feb-07	Mar-07
Mar-07	Apr-07
Apr-07	May-07
May-07	Aug-07
Jan-07	Apr-07
Feb-07	Mar-07
Mar-07	Jun-07
Apr-07	Jun-07



**Exercise 6**

Make a pivot table for the Group Segment "Big" and show Revenue and Expense by Subdivision.

Copy and paste the entire pivot table and change the Segment to "Medium."

Change the order of each of the rows. Meaning if it was the top row label, switch it with the bottom row label.

Now, switch the Revenue column with the Expenses column.

Keep pivot tables in this tab.

To go to Exercise 7, unhide the tab entitled "Ex7."

<u>Subdivision</u>	<u>Group Segment</u>	<u>Revenue</u>	<u>Expenses</u>
Bigger	Medium	8249.328	594.8782
Bigger	Medium	6557.873	83.33939
Pretty Small	Small	6180.036	551.2668
Bigger	Medium	9915.454	336.8577
Very Small	Small	4047.669	481.0083
Pretty Small	Small	4797.088	962.3551
Pretty Small	Small	6537.8	931.9697
Not as Big	Medium	3151.423	848.2135
Not Real Big	Big	9504.782	827.5632
Not as Big	Medium	9378.14	566.7977
Not Real Big	Big	6772.133	436.88
Pretty Small	Small	1854.632	930.5483
More than 500	Big	8303.943	680.7504
Pretty Small	Small	6741.46	418.0317
Very Small	Small	4151.44	336.4056
Pretty Small	Small	7972.302	917.1406
Not Real Big	Big	10331.58	440.4744
Pretty Small	Small	3695.193	217.6563
Pretty Small	Small	7904.294	764.5839
Bigger	Medium	849.2599	94.51704
More than 500	Big	7157.628	915.9245
Bigger	Medium	3712.565	432.5486
Very Small	Small	7596.44	134.8226
Very Small	Small	2198.658	1037.294
Not Real Big	Big	4723.996	463.2899
Bigger	Medium	1331.265	959.2307
Not as Big	Medium	2743.803	222.9193
More than 500	Big	5038.307	306.9577
Very Small	Small	10458.27	692.7631
Pretty Small	Small	7567.035	720.3191
More than 500	Big	7688.434	851.8513
Pretty Small	Small	4023.227	166.4942
Not as Big	Medium	4551.604	701.0457
Not as Big	Medium	2665.114	654.9797
Very Small	Small	6589.125	278.1884
Not as Big	Medium	5220.427	589.1738
Not as Big	Medium	7282.189	387.5496
Pretty Small	Small	6444.584	258.5027
Very Small	Small	10299.03	287.8049
Pretty Small	Small	9841.23	824.4757
Very Small	Small	8237.848	48.29594
Bigger	Medium	6221.249	414.8821
Bigger	Medium	5401.242	877.9679
Very Small	Small	10013.81	807.8508
More than 500	Big	8466.7	450.5697
Pretty Small	Small	8382.214	958.2512
Very Small	Small	8105.417	647.6468
Very Small	Small	10051.26	1003.73
Pretty Small	Small	3667.201	680.7147
Pretty Small	Small	7822.062	924.3563
Very Small	Small	4575.527	657.6493
Pretty Small	Small	3178.197	756.208
Pretty Small	Small	1734.412	864.1464
Bigger	Medium	8601.066	666.9246

Bigger	Medium	8328.446	898.7092
Not as Big	Medium	9715.27	536.2619
Bigger	Medium	4722.773	837.7133
Not as Big	Medium	3434.694	574.1249
Very Small	Small	8696.756	581.4445
Not as Big	Medium	9195.08	1000.673
Not Real Big	Big	4168.872	650.9037
Not Real Big	Big	885.2432	323.9769
Bigger	Medium	3222.211	760.2841
Pretty Small	Small	3185.182	455.4647
Pretty Small	Small	5050.976	618.326
Very Small	Small	306.0781	275.3065
Pretty Small	Small	9598.977	613.2912
Very Small	Small	10338.8	979.852
Bigger	Medium	7350.612	271.9879
Very Small	Small	7506.473	408.0083
Very Small	Small	1939.781	413.9418
More than 500	Big	7692.217	1015.874
Not Real Big	Big	1060.487	607.3437
Bigger	Medium	738.5082	431.4749
Very Small	Small	8174.839	206.6453
Very Small	Small	4368.806	203.3753
Pretty Small	Small	1292.52	123.1056
More than 500	Big	2210.749	465.5262
Not Real Big	Big	4240.745	737.0689
Very Small	Small	5927.042	501.2388
Very Small	Small	2597.354	489.987
Very Small	Small	9549.487	835.0237
Pretty Small	Small	3931.334	191.4213
Pretty Small	Small	8578.804	670.2412
More than 500	Big	1946.137	273.5117
Not as Big	Medium	9021.016	402.0587
Not as Big	Medium	5575.672	148.334
More than 500	Big	1193.066	148.1347
Very Small	Small	10340.53	250.0847
Very Small	Small	5512.768	542.6187
Not as Big	Medium	2555.999	824.1295
Pretty Small	Small	10157.81	508.1698
Bigger	Medium	8921.522	259.3319
More than 500	Big	10494.44	565.4319
Bigger	Medium	7007.768	765.6917
Not as Big	Medium	4811.038	193.1749
Pretty Small	Small	8657.827	171.6024
Bigger	Medium	8204.321	278.7478
Pretty Small	Small	4246.883	644.5165

<u>Service Month</u>	<u>Paid Month</u>
Jan-07	Feb-07
Feb-07	Apr-07
Mar-07	Apr-07
Apr-07	May-07
May-07	May-07
Jan-07	Apr-07
Feb-07	Feb-07
Mar-07	Jun-07
Apr-07	Sep-07
May-07	May-07
Jan-07	Jan-07
Feb-07	Feb-07
Mar-07	Apr-07
Apr-07	Apr-07
May-07	Jun-07
Jan-07	Jan-07
Feb-07	Feb-07
Mar-07	Apr-07
Apr-07	Jun-07
May-07	May-07
Jan-07	Jan-07
Feb-07	May-07
Mar-07	May-07
Apr-07	Apr-07
May-07	May-07
Jan-07	Jan-07
Feb-07	Mar-07
Mar-07	Mar-07
Apr-07	Apr-07
May-07	May-07
Jan-07	Jan-07
Feb-07	Feb-07
Mar-07	Mar-07
Apr-07	Apr-07
May-07	Jun-07
Jan-07	Jul-07
Feb-07	Feb-07
Mar-07	Apr-07
Apr-07	May-07
May-07	May-07
Jan-07	Jan-07
Feb-07	Apr-07
Mar-07	Apr-07
Apr-07	Jun-07
May-07	May-07
Jan-07	May-07
Feb-07	Mar-07
Mar-07	Apr-07
Apr-07	Apr-07
May-07	May-07
Jan-07	Feb-07
Feb-07	Feb-07
Mar-07	Mar-07
Apr-07	May-07

May-07	Jun-07
Jan-07	Jan-07
Feb-07	Mar-07
Mar-07	Apr-07
Apr-07	Apr-07
May-07	Aug-07
Jan-07	Feb-07
Feb-07	Feb-07
Mar-07	Apr-07
Apr-07	May-07
May-07	Jun-07
Jan-07	Jan-07
Feb-07	Feb-07
Mar-07	Apr-07
Apr-07	Jul-07
May-07	Aug-07
Jan-07	Feb-07
Feb-07	Feb-07
Mar-07	Apr-07
Apr-07	May-07
May-07	May-07
Jan-07	Feb-07
Feb-07	Jun-07
Mar-07	Mar-07
Apr-07	May-07
May-07	May-07
Jan-07	Jan-07
Feb-07	Mar-07
Mar-07	Apr-07
Apr-07	Apr-07
May-07	Jun-07
Jan-07	Jan-07
Feb-07	Mar-07
Mar-07	Apr-07
Apr-07	Apr-07
May-07	May-07
Jan-07	Jan-07
Feb-07	Mar-07
Mar-07	Apr-07
Apr-07	May-07
May-07	Aug-07
Jan-07	Apr-07
Feb-07	Mar-07
Mar-07	Jun-07
Apr-07	Jun-07

**Exercise 8****SUMIF Function**

Using SUMIF, create the same table as Exercise 2 (Show Revenue By Group Segment).

<u>Group Segment</u>	<u>Revenue</u>	<u>Expenses</u>
Medium	8249.328	594.8782
Medium	6557.873	83.33939
Small	6180.036	551.2668
Medium	9915.454	336.8577
Small	4047.669	481.0083
Small	4797.088	962.3551
Small	6537.8	931.9697
Medium	3151.423	848.2135
Big	9504.782	827.5632
Medium	9378.14	566.7977
Big	6772.133	436.88
Small	1854.632	930.5483
Big	8303.943	680.7504
Small	6741.46	418.0317
Small	4151.44	336.4056
Small	7972.302	917.1406
Big	10331.58	440.4744
Small	3695.193	217.6563
Small	7904.294	764.5839
Medium	849.2599	94.51704
Big	7157.628	915.9245
Medium	3712.565	432.5486
Small	7596.44	134.8226
Small	2198.658	1037.294
Big	4723.996	463.2899
Medium	1331.265	959.2307
Medium	2743.803	222.9193
Big	5038.307	306.9577
Small	10458.27	692.7631
Small	7567.035	720.3191
Big	7688.434	851.8513
Small	4023.227	166.4942
Medium	4551.604	701.0457
Medium	2665.114	654.9797
Small	6589.125	278.1884
Medium	5220.427	589.1738
Medium	7282.189	387.5496
Small	6444.584	258.5027
Small	10299.03	287.8049
Small	9841.23	824.4757
Small	8237.848	48.29594
Medium	6221.249	414.8821
Medium	5401.242	877.9679
Small	10013.81	807.8508
Big	8466.7	450.5697
Small	8382.214	958.2512
Small	8105.417	647.6468
Small	10051.26	1003.73
Small	3667.201	680.7147
Small	7822.062	924.3563
Small	4575.527	657.6493
Small	3178.197	756.208
Small	1734.412	864.1464
Medium	8601.066	666.9246

Medium	8328.446	898.7092
Medium	9715.27	536.2619
Medium	4722.773	837.7133
Medium	3434.694	574.1249
Small	8696.756	581.4445
Medium	9195.08	1000.673
Big	4168.872	650.9037
Big	885.2432	323.9769
Medium	3222.211	760.2841
Small	3185.182	455.4647
Small	5050.976	618.326
Small	306.0781	275.3065
Small	9598.977	613.2912
Small	10338.8	979.852
Medium	7350.612	271.9879
Small	7506.473	408.0083
Small	1939.781	413.9418
Big	7692.217	1015.874
Big	1060.487	607.3437
Medium	738.5082	431.4749
Small	8174.839	206.6453
Small	4368.806	203.3753
Small	1292.52	123.1056
Big	2210.749	465.5262
Big	4240.745	737.0689
Small	5927.042	501.2388
Small	2597.354	489.987
Small	9549.487	835.0237
Small	3931.334	191.4213
Small	8578.804	670.2412
Big	1946.137	273.5117
Medium	9021.016	402.0587
Medium	5575.672	148.334
Big	1193.066	148.1347
Small	10340.53	250.0847
Small	5512.768	542.6187
Medium	2555.999	824.1295
Small	10157.81	508.1698
Medium	8921.522	259.3319
Big	10494.44	565.4319
Medium	7007.768	765.6917
Medium	4811.038	193.1749
Small	8657.827	171.6024
Medium	8204.321	278.7478
Small	4246.883	644.5165

Group Segment	Revenue
Big	
Medium	
Small	

Submitted by Emily Tipton on April 19, 2008  
Questions? Email [emily.tipton@yahoo.com](mailto:emily.tipton@yahoo.com)