Assignment 6

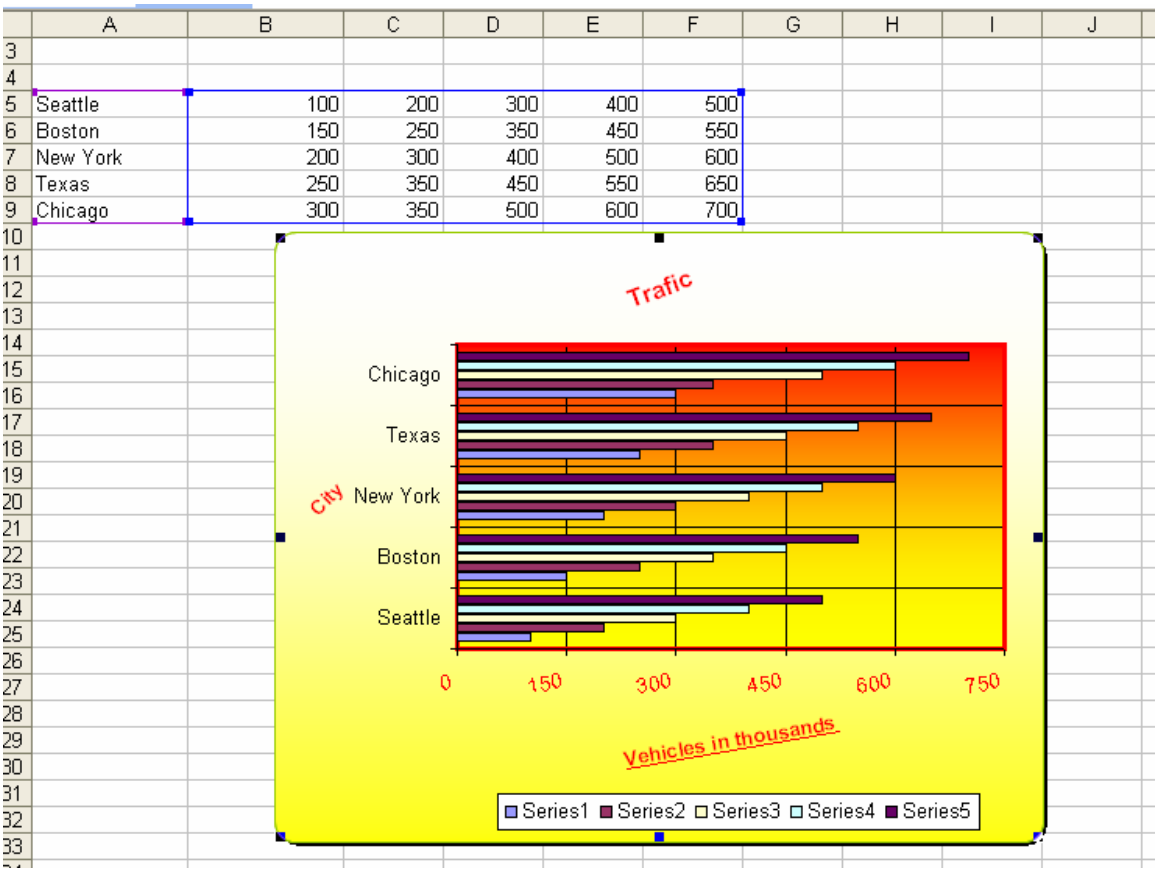
Read carefully the following instructions and complete the assignment not later than the deadline.

Download from the course website the file lab06.xls.

Complete the following on the lab06.xls file.

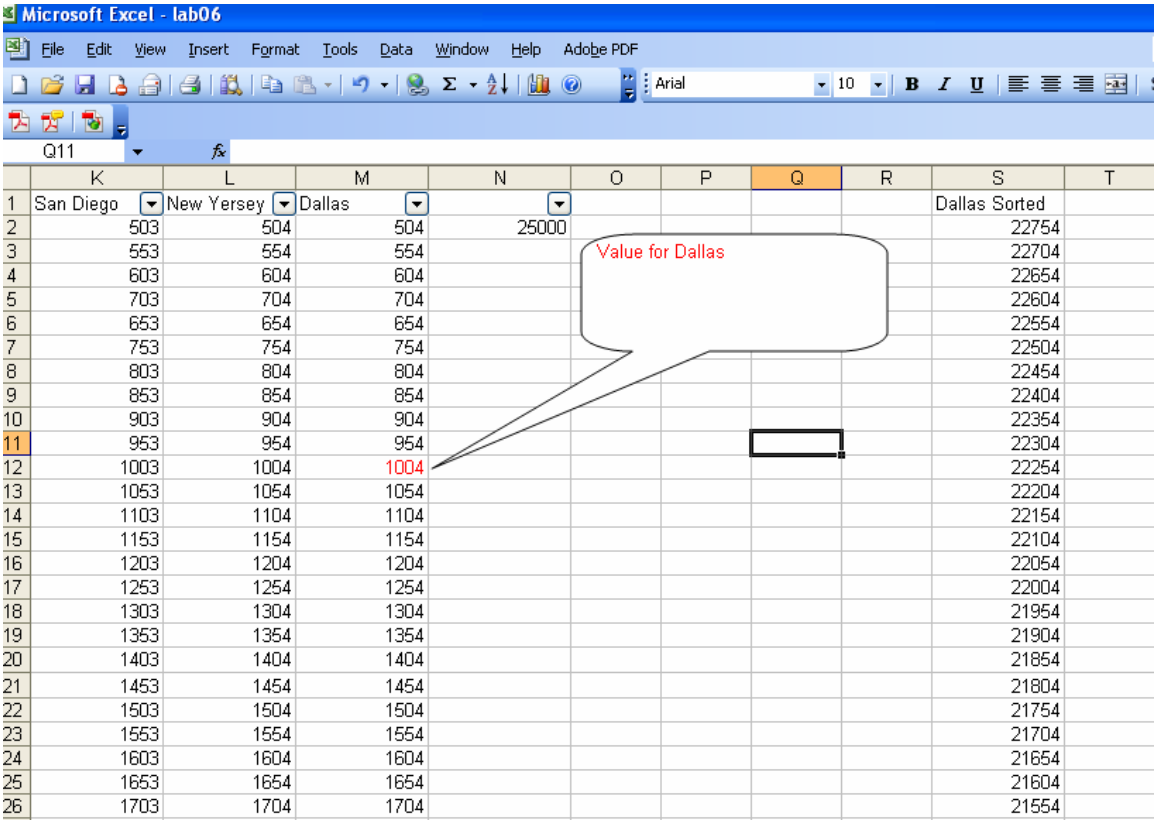
1. Rename worksheet “sheet1” in “Charts”.
2. Rename worksheet “sheet2” in “Data”.
3. In worksheet “Charts” complete the following:
    a. Create a Bar chart as shown in Figure 1. Remember that in this kind of chart the X axis is the vertical one. Place each city in the X axis according to rows, i.e., for each city in the chart, place the values following the row as shown in Figure 1.
    b. Chart title must be: “Traffic”, in red color and aligned 20 degrees.
    c. Name the X-axis as “City” and the Y axis as “Vehicles in thousands”. The X-axis title must be in red and aligned by 60 degrees, the Y-axis title must be in red and underlined with an alignment of 10 degrees.
    d. Put vertical and horizontal major gridlines
    e. Put the legend at the bottom of the chart
    f. Format the plot area with red border and fill the plot with two colors: red and yellow.
    g. On the Y-axis change the scale as follows:
        - Maximum = 750
        - Minimum = 0
        - Major Unit = 150
        - Minor unit = 30
    h. On the Y-axis put the number in red and with alignment of 10 degrees.
    i. Format the Chat area with green border and shadow. Fill the chart area with two colors, white and yellow.
4. In the worksheet “Data” complete the following:
    a. In Cell “N2” put the sum of range B2:M2.
    b. In Cell “N2” count what should be the value of the Cell “H2” in order for the cell “N2” to be equal to 25000. (use the appropriate Excel function)
    c. In Cell “N3” count how many values “<= 1000 (less or equal to 1000)” appear in the range A1:M447. Use the appropriate function in Excel.
    d. Put a filter in the worksheet.
    e. Put a drawing comment in Cell “M12’ as shown in Figure 2. Give the red color to the cell and the comment.
    f. AutoFormat Cells in the range “A1:I20” as shown in Figure 3.
    g. Put a Hyperlink http://www.losangeles.com/ in the cell “F1”.
    h. Copy the column M in S and sort the S column in descending order as shown in Figure 2.

5. Save the file with name-surname-assignment6.xls and send it to marenglenbiba@unyt.edu.al **not later than December 7th.6.00 PM.**



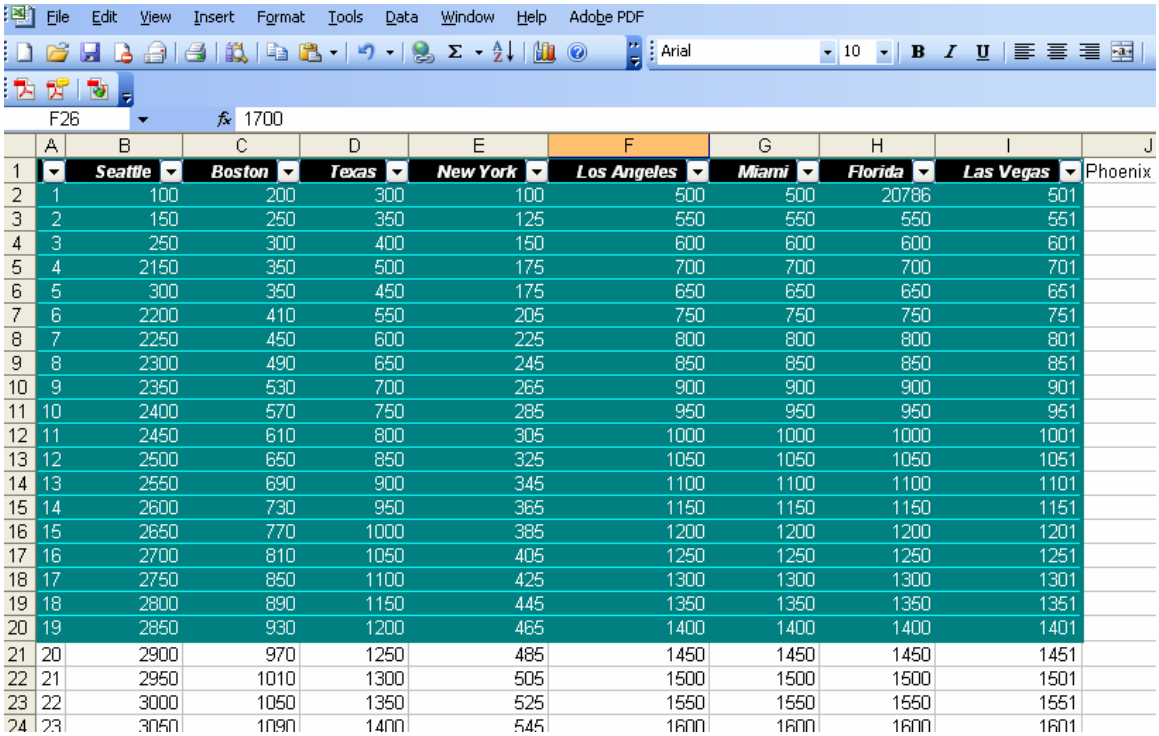
	A	B	C	D	E	F
5	Seattle	100	200	300	400	500
6	Boston	150	250	350	450	550
7	New York	200	300	400	500	600
8	Texas	250	350	450	550	650
9	Chicago	300	350	500	600	700

Figure 1. Work on worksheet named Charts



	K	L	M	N	O	P	Q	R	S	T
1	San Diego	New Yersey	Dallas						Dallas Sorted	
2	503	504	504	25000					22754	
3	553	554	554						22704	
4	603	604	604						22654	
5	703	704	704						22604	
6	653	654	654						22554	
7	753	754	754						22504	
8	803	804	804						22454	
9	853	854	854						22404	
10	903	904	904						22354	
11	953	954	954						22304	
12	1003	1004	1004						22254	
13	1053	1054	1054						22204	
14	1103	1104	1104						22154	
15	1153	1154	1154						22104	
16	1203	1204	1204						22054	
17	1253	1254	1254						22004	
18	1303	1304	1304						21954	
19	1353	1354	1354						21904	
20	1403	1404	1404						21854	
21	1453	1454	1454						21804	
22	1503	1504	1504						21754	
23	1553	1554	1554						21704	
24	1603	1604	1604						21654	
25	1653	1654	1654						21604	
26	1703	1704	1704						21554	

Figure 2. Drawing and Sorting in Excel



	A	B	C	D	E	F	G	H	I	J
1		Seattle	Boston	Texas	New York	Los Angeles	Miami	Florida	Las Vegas	Phoenix
2	1	100	200	300	100	500	500	20786	501	
3	2	150	250	350	125	550	550	550	551	
4	3	250	300	400	150	600	600	600	601	
5	4	2150	350	500	175	700	700	700	701	
6	5	300	350	450	175	650	650	650	651	
7	6	2200	410	550	205	750	750	750	751	
8	7	2250	450	600	225	800	800	800	801	
9	8	2300	490	650	245	850	850	850	851	
10	9	2350	530	700	265	900	900	900	901	
11	10	2400	570	750	285	950	950	950	951	
12	11	2450	610	800	305	1000	1000	1000	1001	
13	12	2500	650	850	325	1050	1050	1050	1051	
14	13	2550	690	900	345	1100	1100	1100	1101	
15	14	2600	730	950	365	1150	1150	1150	1151	
16	15	2650	770	1000	385	1200	1200	1200	1201	
17	16	2700	810	1050	405	1250	1250	1250	1251	
18	17	2750	850	1100	425	1300	1300	1300	1301	
19	18	2800	890	1150	445	1350	1350	1350	1351	
20	19	2850	930	1200	465	1400	1400	1400	1401	
21	20	2900	970	1250	485	1450	1450	1450	1451	
22	21	2950	1010	1300	505	1500	1500	1500	1501	
23	22	3000	1050	1350	525	1550	1550	1550	1551	
24	23	3050	1090	1400	545	1600	1600	1600	1601	

Figure 3. AutoFormat in Excel