Assignment 01

Grading:

- **Due Date: March 12 (Sunday) 11:55 PM**
- **Late Policy**
  - Late by 1 day: **10** points will be deducted.
  - Late by 2 days: **20** points will be deducted.
  - Late by 3 days: **30** points will be deducted.
- **Submission File Error**
  - When you submit your assignment, you **MUST** make sure that your assignment file is same as what you want to submit.
  - Once you submitted the assignment, you **MUST** also make sure that your assignment file is good.
  - If you submitted wrong file to Blackboard, timely send your assignment to Instructor via email (kimj2@queens.edu). If not, your assignment can be regarded as a late submission.

Description:

Your friends, Elijah and Valerie Foglesong, want to build their dream house. They identified tentative costs, but they cannot afford the $414,717 estimated cost. To help provide more flexibility in their decision making, you will create a data table listing various finished square footages and their effects on the base house cost and total cost. Then, you will create another data table showing combinations of square footages and lot prices to identify total costs. Although a builder's overall house design specifies the square footage, the Foglesong can use your data tables to help guide them in their decision.

Directions:

1. Download and open BUS 325_Assignment 01_DataFile from MyCourses, then save it as **YourLastName_A01** (e.g., Kim_A01).

2. To display the effects of various **finished square footages** on the **base house cost** and **total cost**, create *one-variable data table*.
    a. Total square footages range **from 1,800 to 3,600 with 200 increments** (in the Column).
    b. As you conducted in the in-class exercise, apply an appropriate formatting to the table.

Table 1: Square Footage		
Total Sq Ft	Base House Cost	Total Cost
1,800	$ 144,000	$ 270,717
2,000	$ 160,000	$ 286,717

3. To display the combinational effects of **square footages** and **lot prices** on **total costs**, create *two-variable data table*.
    a. Total square footages are same as 2.a.
    b. Lot price substitution values are **$90,000, $96,000, and $102,675**.
    c. As you conducted in the in-class exercise, apply an appropriate formatting to the table.

Table 2: Square Footage & Lot			
Total Sq Ft	$ 90,000	$ 96,000	$ 102,675
1,800	$ 258,042	$ 264,042	$ 270,717
2,000	$ 274,042	$ 280,042	$ 286,717

4. Save your file and upload your assignment to MyCourses.