Homework 4 – ISM 3230 Summer 2017
Due to Canvas: Monday, June 19th 11:59pm

Restaurant business
Good Eats is accepting online orders for lunch from customers. They have developed a program that allows the user to select menu items to order their lunches. Write a program that allows the program to order items from the user (customer), calculates the price of the items ordered, and displays a receipt of this information to the customer (assume the sales tax rate is 6.5%).

Your program should prompt the user (customer) to enter the following information:
- Customer name
- Lunch items ordered

The program then outputs the following information:
- Customer's name
- Total number of items ordered
- Price of menu items before sales tax
- Sales tax
- Total amount due

Menu to be displayed for the user:
```
1. Salad              $4.95
2. Soup               $3.95
3. Chips and Salsa    $3.49
4. Baked potato       $3.95
5. Turkey sandwich    $8.95
6. Cheeseburger       $9.95
7. Soda               $1.50
8. Bottled water      $1.50
9. Key lime pie       $2.99
10. Complete my order
```

Note: When placing their order, the user will enter the **number** of the item, NOT the name of the item. For example, if the user wants to order a salad, he/she would type 1 (not "Salad") to order the salad. Please refer to the Sample Output file for full details of what the program should look like when it runs.

This assignment MUST be created individually. You must turn in your OWN source code and Java bytecode executable file. You MAY NOT share files!

Instructions
- Compile and execute your program to ensure that it works correctly.
- Be sure to run your final program using the sample data included in the sample output to ensure your program works properly.
- Make sure your output labels match those above exactly.

Notes
- You MUST store any calculations in variables (i.e. do not calculate the price of menu items, sales tax, or total amount due directly in your `System.out.println` statements)
- You do NOT need to worry about formatting the decimal places on values you calculate
- You may perform the tasks in any order as long as your output follows the order of the output in the example scenarios contained in the Sample Output file

Extra credit (10 points)
Use an Input Dialog box to allow the user to enter the quantity of each item ordered:
- Title: Item quantity
- Message: How many would you like?

The Input Dialog box should appear after the user enters the number of the menu item. Be sure to incorporate the quantity ordered when calculating the total items ordered and total price of the menu items.

Please refer to the Sample Output – BONUS file for scenarios that incorporate the Input Dialog Box.

To receive full credit:
- Submit the following files in a single **zip file** to Canvas
  - Folder with the name of the project package that contains the following files:
    - File with your Java source code (.java file)
    - File with your Java bytecode executable file (.class file)
  - **Refer to the instructions for creating the zip file on Canvas – if you do not create the file with the correct folders and structure, you will lose points**
    - *Modules → NetBeans Information->NetBeans->Where are my files for my hw?*
- You must follow the appropriate Coding Standards listed in the Coding Standards document under Modules on Canvas.
  - 40% of your grade on the source code will be based on how well you follow these standards and how well you comment your source code
- Submit your zip file to Canvas using the Assignment submission feature by 11:59pm 6/19/2016. Instructions for submission are available on Canvas where you downloaded this file (Assignments --> Homework 4).