CIS 500 – Fundamentals of Software Practice
Weekly Exercise #2

Topic: Decisions

In this coding exercise, you will write a program for a restaurant that sells pizzas. Your program allows a user to enter one's name and information about pizzas that the user wants to order. It then calculates and displays the order summary that includes name, pizza(s) information, subtotal, sales tax (6%), and total cost of the order.

Given below is a typical dialog between a user and your program when the user interacts with your program to place an order of one or more pizzas. Note that the text in black is program output, such as asking the user for certain input or displaying relevant information for the user, and the text in **red** is the user's response to a prompt from your program.

An example interaction with this program:

Enter your name: **John Smith**

Pizza Size and Cost: Small (10 in, $7.95), Medium (12 in, $9.95), and Large (14 in, $11.95)

Enter the number of pizzas you want to order: **2**

Enter the size of your pizzas (S/M/L): **M**

Available Topping and Cost Per Topping:
- Pepperoni, Chicken, Ham, Mushrooms, Onions, Green Peppers, Black Olives, Tomatoes
- $0.75 each for Small Pizza, $0.95 each for Medium Pizza, and $1.15 each for Large Pizza

Enter the number of toppings on your pizzas: **3**

Enter your choices of toppings: **Onions Chicken Mushrooms**

Order Summary:
>   Customer name: John Smith
>   2 Medium pizzas with toppings Onions Chicken Mushrooms
>   Subtotal: $25.60
>   Sales Tax (6.0%): $1.54
>   Total Cost: $27.14

Exercise Instructions:
- Download the file **WEX-2.py** from Blackboard.
- Edit the file to place the code to solve the problem.
- Run and test your code to make sure it works correctly.
- Upload the file **WEX-2.py** on Blackboard by midnight of due date.