Calculators for Businesses – Assignment01

In this assignment, students will complete code to create a cost estimate calculator for a pizza party planning service.

Cheesy Pete's Pizza Palace is a restaurant that offers party planning services for groups of various sizes.

Customers can enter the number of guests, pizzas required, and additional party services to get a cost quote for their event.

Here are some important facts:

- There is a **flat booking fee** of $30.00.
- **Pizzas** cost $15.00 each.
- **Party Service Packages:**
    - **Basic Package** (decorations, tableware): $50.00
    - **Premium Package** (Basic + balloons, party hats, and goody bags): $100.00

Instructions

1. **Setup**
    - Download assignment01.zip and place the assignment01 folder into your MIS2402 workspace.
    - Start by editing pizzaparty.html.
2. **Task Overview**
    A. Your task is to correct the logic error(s) in the click event handler and complete the getPizzaPartyQuote function.
    B. The function you complete will return the total cost of the party. Function Logic follows:

        - The getPizzaPartyQuote function will take two parameters:
            - pizzas: the number of pizzas ordered.
            - partypackage: the type of party package selected (50 for "Basic", 100 for "Premium")

        - The function should calculate the total cost as follows:
            - That party package is already coming into the function as either "50" or "100" but you need to parse those strings as integers.
            - Multiply the number of pizzas by $15.
            - Add the flat booking fee of $30.
            - Add the cost of the selected service package.
            - Return the total cost of the party as a number.

    C. Communicate this total value back to the user by putting into the inner HTML of the tag with the id textDisplayed1. When you do that, be sure to convert the dollar value to a string and use concatenation to prefix the string with a dollar sign (e.g., "$195.00").

D. In the click event handler, you will also calculate the average cost per user and communicate that to the user as well. It too should end up looking like a dollar amount (e.g., "$19.50"). This value gets put into the tag with the id textDisplayed2.

Advisory – Students are expected to complete this assignment, on their own, using the contents of PowerPoint presentations and ICAs used in Weeks 1, 2, and 3 this semester. You don't need if statements, and you don't need loops, and there is no reason to use AI to solve this. Give it a try, all by yourself. You can do it. (And, please take a second to review the "Academic Integrity" and "Style Guide" sections of the syllabus.)

3. **Hints**
   - Do not rename the parameters (guests, pizzas, partypackage).
   - You don't need to handle error trapping in this assignment since we haven't learned about conditional statements yet.
   - Make sure to test your work thoroughly to ensure the math is correct.
   - Look in the start file for hints.
4. **Testing**
   - Open pizzaparty.html in your browser.
   - Verify that entering values into the input fields and clicking the calculate button provides the correct total cost.
   - You also need to calculate the average cost per guest.
5. **Submission**
   - Save your completed pizzaparty.html file.
   - Upload the pizzaparty.html file to the Assignment 01 submission area on Canvas