

1. At the shopping mall, you want to buy some birthday cards (\$1.89 ea), some t-shirts ( \$9.99 ea), & pizza slices (\$1.85 ea). On the back of the paper, draw the interface for a form with appropriately named textboxes for these items as well as a label that will display the total cost and three buttons (Compute, Clear, & Exit). Include any other necessary labels that provide prompt information.

2. Write 3 declaration statements for constants that would store the price of each item. The constants also have module scope (i.e. they are declared at the very top of the code window above and outside of all the methods.)

3. Write 3 declaration statements that would create 3 variables to store the amount of each item purchased. Choose the correct data types and initialize the variables to the value zero.

4. Write 3 declaration statements for variables that would store the **price subtotals** for each of the items purchased.

5. Imagine that a VB program has text boxes that will allow the quantity purchased of each item to be inputted by the customer. Write 3 assignment statements that would store the text box inputs into the 3 variables declared above. Be sure to use the `Val` function where necessary.

6. Write 2 assignment statements that calculate the **price subtotals** for the birthday cards and the pizza purchased and then store those values into the appropriate variables declared above.

(Label and answer the following on the back of the paper.)

7. Assume that there is a constant named `mdblDISCOUNT` that's equal to a decimal number such as 0.20 and that reflects the discount percentage that you receive on the purchase of t-shirts. Write an assignment statement that adds up the price subtotal for the t-shirts purchased but that also subtracts the discount. The value should be stored in the appropriate variable that you declared above for the t-shirt price subtotal.

8. Write a statement that adds everything together (i.e. all the price subtotals) and stores that grand total price in a variable named `mdblGrandTotal`. You can assume that `mdblGrandTotal` has already been declared as a `Double` variable.

9. Write a statement that displays `mdblGrandTotal` in a label named `lblTotal`. The statement should concatenate a dollar sign in front of the total price. Use the `Str` function where necessary.