

MIS 216  
FALL 2020  
PROJECT 3

IF Statements

1. You will add this to your project already built
2. Find your folder on your desktop (or copy from miscapstone to your desktop)
  - a. Click on the .sln file and Visual Studio should open
3. Fix any errors noted in Entropy for Project 2.
4. Create a 4<sup>th</sup> form in your project, name this new form: Restaurant (use prior instructions to help you build the 4<sup>rd</sup> form)
  - a. Change the text property of the form to be: Restaurant – your last name.
5. To save effort, only add a new menu item in the top menu strip on the first form to take you to the new form as in (please keep the Exit commands):
  - a. The code for the 4<sup>rd</sup> Button:

```
Restaurant newProject4 = new Restaurant();  
newProject4.Show();
```
  - b. Read the Review Question on page 97 and create the form to complete Review Question 3.10. Hints:
  - c. Create a text box for Total Amount of Check
  - d. Add a Check Box to indicate that a coupon has been submitted
  - e. Labels for the two above, plus two labels for the Amount Due (one saying Amount Due, and one showing the amount due in currency)
  - f. Calculate and Clear Buttons
6. Create a 5<sup>th</sup> form, name this form: QuantityDiscount
  - a. Update the menu bar
  - b. Add a label and a text box that will ask: Quantity Purchased
  - c. Add a button, name this button btnAmountDue2, change the text to Amount Due2
  - d. Add a Total Due label (stating Total Due) and a Results Label actually showing the actual amount due
  - e. Each item purchased will cost 5.00 (create a constant)
  - f. You will need a series of if's or else if's to complete these rules.
  - g. If < 10 purchased there is no discount
  - h. For 10 to 14 purchased the discount is .05
  - i. For 15 to 19 purchased the discount is .10
  - j. For 20 or greater the discount is .15

Examples

If 5 is purchased, total due is \$25.00

If 10 is purchased, total due is \$47.50

If 15 is purchased, total due is \$67.50

If 20 is purchased, total due is \$85.00

7. Once you complete and test
  - a. Close Visual Studio (Visual Studio must be closed to copy the folders)
  - b. Copy your entire folder from your desktop to your <\\miscapstone\mis216\F20Folder>
  - c. DO NOT PLACE IN THE GRADED FOLDER