

CSCI 3327 Visual Basic (Fall 2011)

Assignment #3

Instructor: Dr. Xiang Lian
Due Date: Sept. 26 (Monday), 2011

Objective: Classes and Methods (100 Points)

Write a program to calculate cost of painting a house. The input and output windows are shown in the Appendix.

Create a class and make sure to code for a constructor as shown in class. This assignment is for you to learn creation of classes, objects, properties and methods.

Please submit:

1. Program listing; and
2. The screen captures (as given in the Appendix).

- Your program should begin with a comment section that would include the following:

PROGRAMMERS NAME: _____

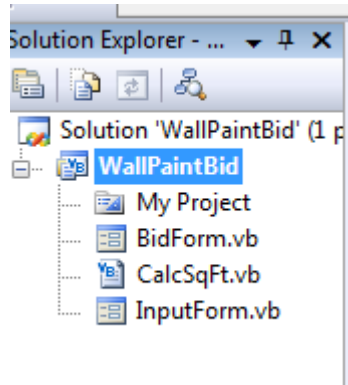
STUDENT ID: _____

CLASS: _____ ASSIGNMENT #: _____

DATE DUE: _____ DATE TURNED IN: _____

- **Note:** *From this time on, please send the files you created to [Blackboard](#).*

Appendix: Examples of Screen Captures



A screenshot of a Windows application window titled "Wall Paint Input Form". The window contains several input fields and buttons. On the left side, there is a button labeled "Enter Measurements of Walls". Below it, there is a text box containing "John Abraham" with the label "Name of the Customer" below it. Further down, there is a text box containing "White Flat Latex Single Coat" with the label "Color and Description of Paint" below it. On the right side, there are four text boxes with numerical values: "1575" (labeled "Total Sq Feet of Walls"), "4" (labeled "No of Walls:"), "15.00" (labeled "Cost of Paint per Gallon"), and "400" (labeled "SqFt Covered by Gallon"). Below these is another text box with the value "0.62" (labeled "Cost of Labor per SqFt"). At the bottom right, there is a button labeled "Calculate and Display Bid".

Bid Form

VB PAINTING COMPANY UNIVERSITY OF TEXAS PAN AMERICAN EDINBURG, TX 79539

Bid submitted to: John Abraham Date of bid: 9/16/2008

of Walls: 4 Total Sq Feet: 1575 Gallons of Paint Needed:

Quantity	Item Description	Cost Each	Extended Price
3	White Flat Latex Single Coat	15	45.00
1575	Labor charge for painting walls	00.62	976.50
Sub Total			1,021.50
Sales Tax			84.27
Total Bid			1,105.77