

# Assignment #5

## Classes and Methods

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

The image shows a Visual Studio Solution Explorer window and a Windows Form application. The Solution Explorer displays a solution named 'WallPaintBid' containing a project 'My Project' with files 'BidForm.vb', 'CalcSqFt.vb', and 'InputForm.vb'. The Windows Form, titled 'Wall Paint Input Form', has a button 'Enter Measurements of Walls' and three text boxes for input: 'John Abraham' (Name of the Customer), 'White Flat Latex Single Coat' (Color and Description of Paint), and '4' (No of Walls). On the right side, there are three text boxes for output: '1575' (Total Sq Feet of Walls), '15.00' (Cost of Paint per Gallon), and '400' (SqFt Covered by Gallon). A 'Calculate and Display Bid' button is located at the bottom right. The 'Cost of Labor per SqFt' output box shows '0.62'.

Input	Output
No of Walls: 4	Total Sq Feet of Walls: 1575
Cost of Paint per Gallon: 15.00	SqFt Covered by Gallon: 400
Cost of Labor per SqFt: 0.62	

# 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
<b>Sub Total</b>			<b>1,021.50</b>
<b>Sales Tax</b>			<b>84.27</b>
<b>Total Bid</b>			<b>1,105.77</b>

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