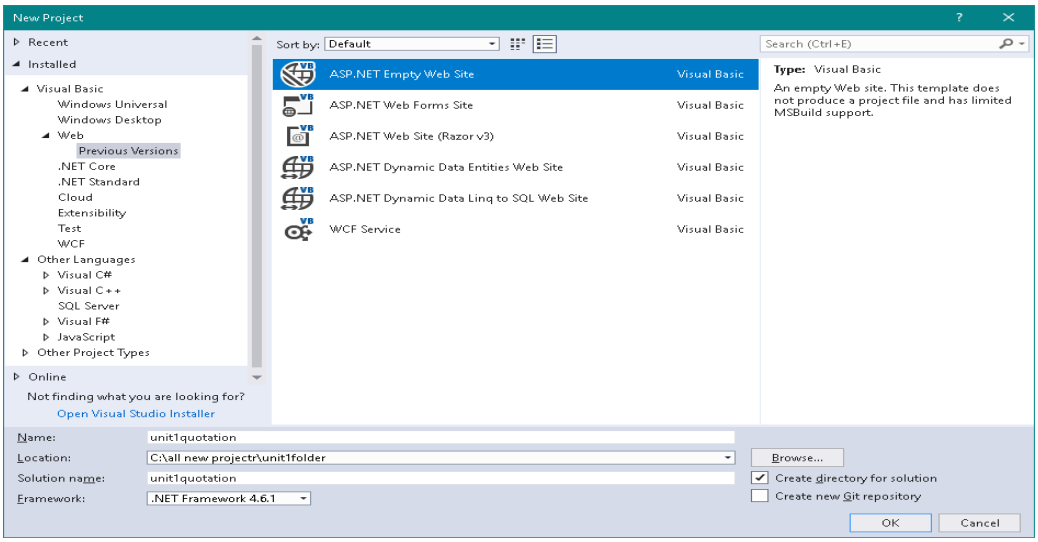
U1W4 Enhance Assignmnet Extra 2-1 Build the Quotation application part 1 and 2.

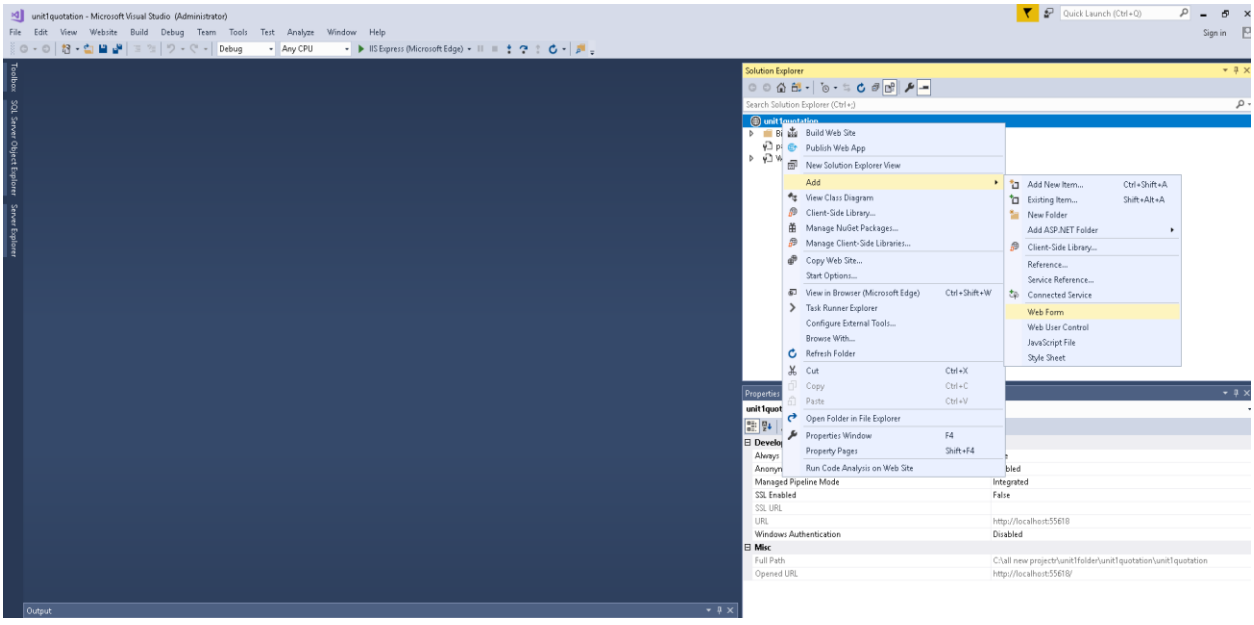
I provided few video on the blackboard to show you how to install visual studio, as well as how to build your first web page application, Several other videos and you tubes are available on the internet to help you in this assignment.

Ensure that your web page Assignment is saved in a folder called U1labW4 Followed by your name . Your website name will be U1W4, and the first form for the assignment will be named Default.. ((**be sure to Select ASP.NET empty web site**)) ensure that you compress ZIP the folder before you upload to the teacher on blackboard for program testing and grade.

Example: for easy start.



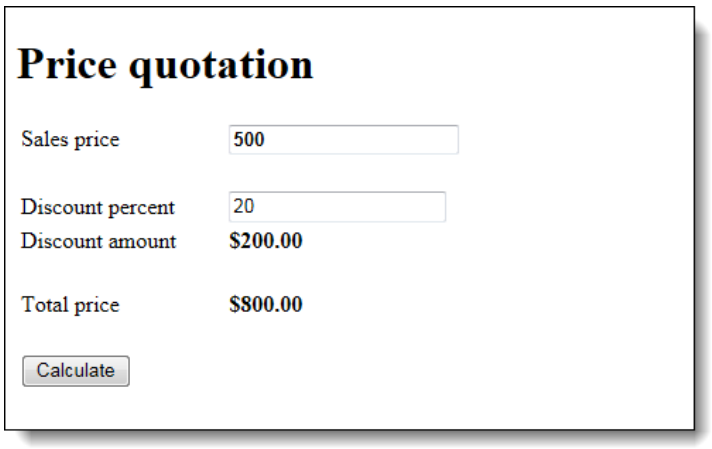
Right click on project name and select add than web form.



The quotation application has two parts. In The first part you will build the application and in the second parts you add enhancement (add CSS and Confirm Button).

Part one:

the user will enter the sales price and discount percent, and the application will calculate and display the discount amount and total price. If a user entry is invalid, an error message will be displayed to the right of the related text box.



Start a new web site and build the form

1. Start a new web site named U1W4
2. Add a web form to the project with the name Default.aspx.
3. Add an h1 heading to the form element with the text shown above.
4. Add a table to the form below the heading with 8 rows and 3 columns. (The third column will be used for validation controls.) you may use toolbox to create a table.
5. Add the text and button shown above to the cells in the first, third, fourth, sixth, and eighth rows of the first column.
6. Adjust the width of the table by dragging its right handle, and adjust the widths of the columns by dragging their right borders so the widths are similar to what's shown above. (It may take some time to get this right, and the form may look different in Design view than it does when you run the application.)
7. Add text boxes to the first and third rows in the second column, and add label controls to the fourth and six rows in the second column.
8. Use the Properties window to set appropriate IDs for the controls and to format the first text box and the two labels with bold type. Then, use the Properties window to set the text for the button to "Calculate".
9. Test this form to see how it looks in a browser, and make whatever adjustments are necessary.

Add the Visual Basic or C code for the form

10. Create an event handler for the click event of the Calculate button. This handler should calculate the discount amount and total price and display them in currency format as shown above.

11. Test this form to see whether it works correctly, and make whatever corrections are necessary.

Add validators for the text boxes

12. Add a required field validator in the column to the right of each text box that tests whether an entry has been made in the text box. If an entry hasn't been made, "Required" should be displayed.
13. Add a range validator in the column to the right of each text box. The one for the Sales Price should test to see whether the entry is between 10 and 1000, and an appropriate message should be displayed if it isn't. The one for the Discount Percent should test whether the entry is between 10 and 50, and an appropriate message should be displayed if it isn't.
14. If necessary, adjust the Visual Basic or the Visual C code for the page so it only does the calculations if the entries are valid.
15. Turn off unobtrusive validation for the page. Then, test the application, and make whatever corrections are necessary.

Make any final adjustments

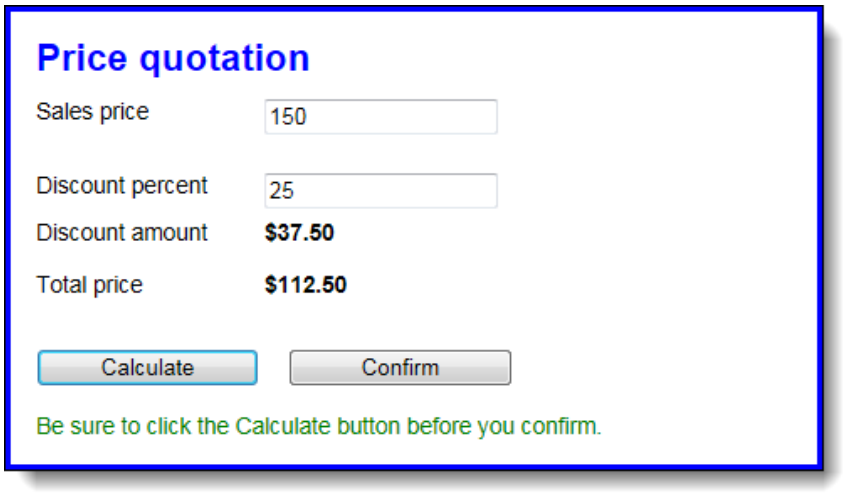
16. Take a final look at the application and make any adjustments for improving the look of the application, the operation of the application, or the clarity and logic of the code.

Part 2 Enhance the Quotation application

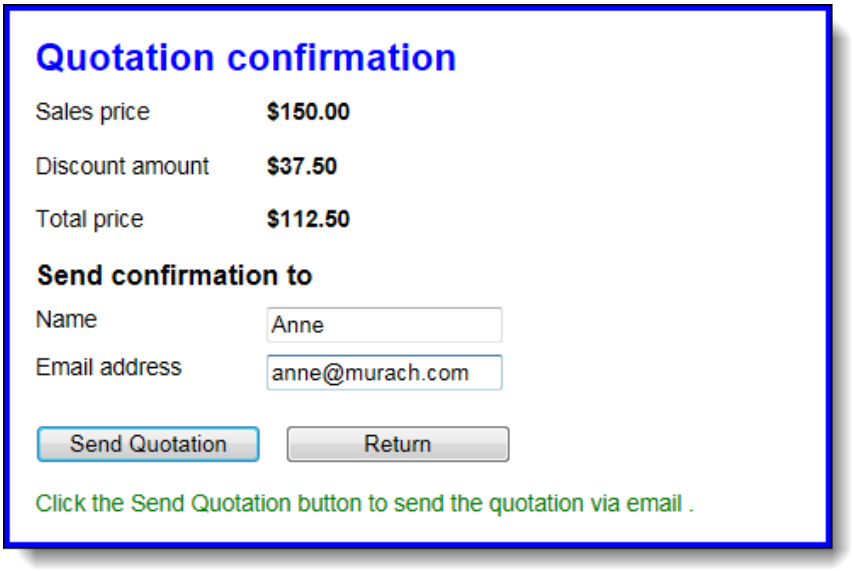
After finishing the first part we will lneed to enhance the application by adding CSS style. And a Confirm button redirects to a Confirmation page.

In this project you have 2 pages named (default and confirm)

The Quotation page (Default.aspx)



The Confirmation page (Confirm.aspx)



Open the web site for this exercise and start enhancing its pages

Use CSS to format the page

17. Add the Styles.css file provided in the unit. Then, review the styles in that file and note that there are styles for HTML elements like body and label; styles for classes like entry, validator, and button; and styles for specific IDs. Now, delete the styles with ID selectors.

18. Download the Styles.css and than Drag the Styles.css file from the Solution Explorer to the head section of the aspx file. This should create a link element that attaches the style sheet to the page. Now, test this change to see how the formatting has changed.
19. Set the CssClass attributes for the two text box controls to “entry; for the four validators to “validator”; and for the button to “button”. Now, test this change.
20. Add a rule set to the style sheet for the “result” class. This should set the font weight for this class to bold. Then, set the CssClass attributes for the two label controls to “result”. Now, test this change.

Add the Confirm button to the Quotation page right after the Calculate button and set its CssClass attribute to the button class. Save it under a new name U1W4 . followed by your first name

21. Create the confirmation page in the same project by adding a new form. Add the Send Quotation and Return buttons to the Confirmation page and set the appropriate CssClass attributes. Also, set the attributes for the Return button so it goes back to the Quotation page and doesn’t cause validation.
22. On each page, add a label control below the buttons. The ID for each control should be lblMessage, and the starting messages should be as shown above.
23. Test the application to see how it’s going and make any adjustments.

Add the Visual Basic code that makes the application work

24. Create a Click event handler for the Confirm button of the Quotation page. This button should redirect to the Confirmation page, which will display the quotation that is being confirmed by getting the data from session state.
25. To make this work, the Click event handler for the Calculate button of the Quotation page should save the sales price, discount amount, and total price in session state. Now, add that code to that event handler. Note in the Confirmation page above that you only have to add the values for sales price, discount amount, and total price to session state because those are the only values displayed on the form.
26. When the user clicks the Confirm button on the Quotation page to go to the Confirmation page, the Load event handler for the Confirmation page should get the data from session state and display it as shown above. Now, add that code to the Load event handler.
27. Add an event handler for the Click event of the Send Quotation button. If the entries for this form are valid, this handler should display a message below the buttons that says: “This function hasn’t been implemented yet.” It should also set the values in session state to Nothing.

Test and refine the operation of the application.

28. Code and test what you have so far. At this point, all four buttons should work. although you may be able to find errors by trying different sequences of button clicks. If, for example, the user clicks on the Confirm button on the Quotation page before clicking on the Calculate button, the application may blow up because there isn’t any data in session state.
29. To fix errors like that, add code to the Click event handler for the Confirm button on the Quotation page that tests whether the value for the sales price in session state is

Nothing: If it is, this message should be displayed in the label below the buttons: "Click the Calculate button before you confirm." If it isn't, the handler should redirect to the Confirmation page.

30. Do the same test in the Load event handler for the Confirmation page. If the sales price in session state is Nothing, don't display the values on the page. If it isn't, get the values from session state and display them.

Make any final adjustments

31. Take a final look at the application and make any adjustments for improving the look of the application, the operation of the application, or the clarity and logic of the code.

Ensure that the validation control apply to the correct text or label box. Check below.