

# IS242 Web Application Development I

## Lab sheet 8: C# Programming Basics

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### Objective

The objective of today's lab is to get you to use as well as test your understanding of some of the programming fundamental in C#. Always take your time to understand every single bit in your code and ask if you are not sure how things work. By the end of this lab you should be able to:

- Understand the differences between functions and subroutines.
- Handle the click event.
- Declare and use functions in C#.

*Before attempting the exercises below, it might be a good idea to quickly revise the previous materials we have covered in the asp.net lectures.*

### Exercise 1-Functions and Subroutines

Create a web page in which the user is able to enter two integer numbers in textboxes and click a button that displays the sum in a label. The sum should be calculated using a function. Write the click event handler yourself and do not rely on Visual studio to write it for you.

### Exercise 2

Create a web page that receives orders from customers as shown below. Add an event handler named "submitButton\_Click" to the button to confirm that the details entered were received (you can write a message like "thank you, your order has been received" in a label control).

Name:

What would you like for breakfast?  
 Eggs  
 Pancakes

Feed me:  
 Now  
 Later

Thank you, your order has been received

***Your Challenge***

Under the thank you message show the input entered by the customer. For example:

*Thank you, Marwah. Your eggs and pancakes will be delivered later.*