

<b>Assignment #2</b>	<b>A201 - A505 Object Oriented Programming (Visual Basic .Net)</b>	<b>Hakimzadeh 20 pts. Extra Credit 5 pts. Due: Sept 19, 2016</b>
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**Objective:**

Developing a Console Application  
 Use of the If-Then-Else statement  
 Use of Loops (Do-While, Do-Until, For-Next)  
 Use of input and output statements ( Console.ReadLine() and Console.WriteLine() )

**Problem specification:**

Write a program to calculate employee wages. The program should ask the user to enter the employee name, hourly wage and the number of hours worked for that week. You are to assume that, hours greater than 40 are overtime, and must be calculated as hour and half. Test your program with the following employees to make sure it works:

Name	Hourly Wage	Hours Worked	Gross Pay
Sharon Steele	7.25	42	\$ 311.75
David Shafer	6.25	48	\$ 325.00
Robert Walker	5.90	32	\$ 188.80
Tina Dustin	11.00	14	\$ 154.00
Jason Coleman	250.00	55	\$ 15625.00
Misty Jud	50.10	30	\$ 1503.00

**Step 1: Analysis.** Determine the **input**, **output** and **formulas** needed to solve this problem.

**Step 2: Design.** Write the pseudocode, then test your algorithm by performing a walk through on paper. (Read the "**Constructing Algorithms and Pseudocoding**" document)

**Step 3: Implementation.** Convert your algorithm to the Visual Basic language. Test your program to ensure it works for all valid data.

**Step 4: Document your program.**

**Extra Credit (5 pts.):** Once the above program is fully functional, add the following logic to your program:

- 1) Asks the user to enter the number of employees to be processed.
- 2) Add a loop to your program which processes the employees.
- 3) Make sure to consider the rare possibility when the user enters a zero for the number of employees.

**Hacker's Corner:**

Convert the above program to a 'Windows Application'. Please note that there are no extra credit points for the Hacker's Corner activities. They are just for fun. Enjoy.