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:

<table>
<thead>
<tr>
<th>Name</th>
<th>Hourly Wage</th>
<th>Hours Worked</th>
<th>Gross Pay</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sharon Steele</td>
<td>7.25</td>
<td>42</td>
<td>$ 311.75</td>
</tr>
<tr>
<td>David Shafer</td>
<td>6.25</td>
<td>48</td>
<td>$ 325.00</td>
</tr>
<tr>
<td>Robert Walker</td>
<td>5.90</td>
<td>32</td>
<td>$ 188.80</td>
</tr>
<tr>
<td>Tina Dustin</td>
<td>11.00</td>
<td>14</td>
<td>$ 154.00</td>
</tr>
<tr>
<td>Jason Coleman</td>
<td>250.00</td>
<td>55</td>
<td>$ 15625.00</td>
</tr>
<tr>
<td>Misty Jud</td>
<td>50.10</td>
<td>30</td>
<td>$ 1503.00</td>
</tr>
</tbody>
</table>

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.

Step 5: Print program listing (source code).

Step 6: Run your program, capture the output and paste it into MS-WORD.

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.
Hand in the following:

1) Source listing for each program (properly documented, see style guidelines)

2) Output for the program
   Copy and Paste the program as well as the output of your program into a Word document and put it
   in your drop box for the course. Also, make sure the formatting in the Word document is proper. You
   may have to use landscape printing, or reduce the font size to eliminate the warp around of
   your code.