

Visual Basic  
Writing If Statements Worksheet #1

Name -

Period -

1. Write an `If` statement that reflects the following instruction.  
If the variable `intAge` is greater than 15 then display "You can drive a car" in a message box
2. Put a large rectangle around the part of your answer to #1 that's considered to be the "control expression".
3. Write an `If Else` statement that displays "You can drive a car" in a message box if the variable `intAge` is greater than 15. The `If Else` statement should display "You cannot drive a car" otherwise.
4. Write an `If ElseIf` statement that:
  - displays the message "greater than 5" in a message box if `intSum` is greater than 5,
  - displays the message "equal to 5" in a message box if `intSum` is equal to 5,
  - displays the message "less than 5" in a message box in all other cases.
5. Write an `If` statement that displays "yes" in a message box if `intSum` is greater than or equal to 1 and `intSum` is less than or equal to 100.
6. Describe the logical error that you see in the `If ElseIf` statement below:

```
If (dblGrade >= 60) Then
    lblGrade.Text = "D"
ElseIf (dblGrade >= 70) Then
    lblGrade.Text = "C"
ElseIf (dblGrade >= 80) Then
    lblGrade.Text = "B"
ElseIf (dblGrade >= 90) Then
    lblGrade.Text = "A"
Else
    lblGrade.Text = "Logical error occurred."
End If
```