

**PENANG SANGAM HIGH SCHOOL
P.O.BOX 44, RAKIRAKI**

LESSON NOTES 20

Year/Level: 12 Subjects: Computer Studies

Strand:	CE Strand: CE 2 Application Packages
Sub-strand:	CE 12.2.1 Visual Basic.NET Programming (VB NET)
Content Learning Outcome:	Example 3 Simple Wage Calculator Program

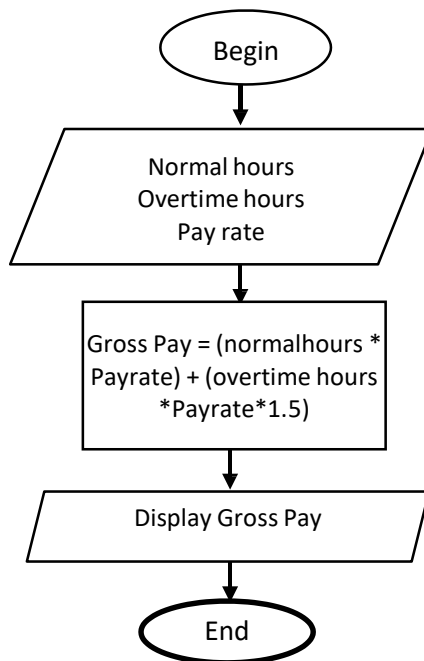
Lesson Notes

Example 3 Simple Wage Calculator Program

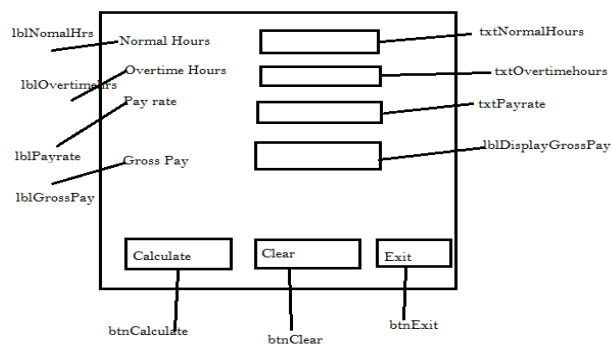
Create a Program that does the following steps:

1. Ask the user for the number of hours worked
2. Ask the user to enter the hourly Pay rate
3. Ask the user to enter the hours worked overtime. (overtime rate is time and half)
4. Calculate the total pay earned when the Calculate Gross Pay button is Clicked
5. The form should also contain a clear button to clear all the textboxes and the label and focus to be on the normal hours textbox

Draw a flowchart



Plan the Project



Code the Project

The screenshot shows a window titled "Wage Calculator" with a standard Windows title bar (minimize, maximize, close). The window contains the following elements:

- Normal Hours Worked:
- Overtime Hours Worked:
- Hourly Pay Rate:
- Total Pay:
- Buttons: "Calculate Gross Pay", "Close Program", and "Clear Calculator".

```
Public Class frmWageCalculator

    Private Sub btnCalculate_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnCalculate.Click
        Dim dblNormalhours As Double
        Dim dblPayrate As Double
        Dim dblOvertimehours As
        Double Dim dblGrossPay As
        Double
        dblNormalhours = Double.Parse(txtNormalHours.Text)
        dblPayrate = Double.Parse(txtPayRate.Text)
        dblOvertimehours =
        Double.Parse(txtOvertimeHours.Text)
        dblGrossPay = dblNormalhours * dblPayrate + dblOvertimehours * dblPayrate * 1.5
        lblDisplayPay.Text = dblGrossPay.ToString("c")

    End Sub

    Private Sub btnClose_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnClose.Click
        Me.Close()
    End Sub

    Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles
        btnClear.Click
        txtNormalHours.Clear()
        txtOvertimeHours.Clear()
        txtPayRate.Clear()
        lblDisplayPay.Text = ""
        txtNormalHours.Focus()

    End Sub
End Class
```