

Student Program

A training college gives classes in 4 subject areas which customers can book. The subjects include VB, Java, Web Design and Database.

Design a program that will allow the user to enter the following:-

- Firstname, Surname, Subject1, Subject2, Subject3, Subject4, DOB, Mobile, Email, Address1, Address2, County.
- A checkbox to tick if student is under 18 years old

The program should calculate the following:-

- It costs €100 per subject
- If the student is under 18 an additional €20 is charged
- Tax is 21%

Your program must include buttons and a menu bar. The program should also allow the user to select a start date from calendar/date picker

Form1

Student Details

Firstname: Michael

Surname: Murray

DOB: 12/9/1997

Mobile: 0866712233

☒ Under 18

Subjects

1: Java

2: Web Design

3: VB

4:

12 October 2011

Cost

Subject Cost: 300.00

Extra Cost <18: 20.00

TAX: 67.20

Total: €387.20

Calculate Reset Quit

```

Dim strFirstName, strSurname, strEmail, strMobile As String
Dim DOB, StartDate As Date
Dim Subject1, Subject2, Subject3, Subject4 As String
Dim sngSubjectCost, sngTax, sngTotal, sngMinor As Single
Dim bUnder18 As Boolean
Const Tax As Integer = 21

```

```

Private Sub btnCalculate_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles
btnCalculate.Click

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    'sets variables to 0 each time its pressed so numbers in memory does nt
    increase every time button is clicked

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```

    sngMinor = 0.0
    sngTax = 0.0
    sngSubjectCost = 0.0
    sngTotal = 0.0
    strFirstName = txtFirstname.Text
    strSurname = txtSurname.Text
    DOB = txtDOB.Text
    strMobile = txtMobile.Text
    Subject1 = cboSubject1.Text
    Subject2 = cboSubject2.Text
    Subject3 = cboSubject3.Text
    Subject4 = cboSubject4.Text
    StartDate = dtpStartDate.Text
    If chkUnder18.Checked = True Then
        bUnder18 = True
        sngMinor = sngMinor + 20
    End If
    If (Subject1 <> "") Then
        sngSubjectCost = sngSubjectCost + 100
    End If
    If (Subject2 <> "") Then
        sngSubjectCost = sngSubjectCost + 100
    End If
    If (Subject3 <> "") Then
        sngSubjectCost = sngSubjectCost + 100
    End If
    If (Subject4 <> "") Then
        sngSubjectCost = sngSubjectCost + 100
    End If

```

```

    sngTax = (sngMinor + sngSubjectCost) * (Tax / 100)
    sngTotal = sngTax + sngSubjectCost + sngMinor
    lblSubjectCost.Text = FormatNumber(sngSubjectCost, 2)
    lblExtraCost.Text = FormatNumber(sngMinor, 2)
    lblTax.Text = FormatNumber(sngTax, 2)
    lblTotal.Text = FormatCurrency(sngTotal, 2)
    If bUnder18 = True Then
        MsgBox("Get signature from parents for minors")
    End If

```

```

End Sub

```