

```
1 ''' <summary>
2 ''' This program will help the user convert student exam marks into grades.
3 ''' The user will be able to ...
4 '''
5 ''' Author:          Derek Peacock
6 ''' Course:         OCR IT Diploma
7 ''' Unit27:         Developing Program Solutions
8 ''' Assessment 2:   P2, P3, M2, D1
9 ''' Last Modified:  5th May 2018
10 ''' </summary>
11 Public Class StudentGradesForm
12
13     Dim name As String
14     Dim mark As Integer
15     Dim grade As String
16
17     Dim filename As String
18
19     Dim percentF As Integer
20     Dim percentP As Integer
21     Dim percentM As Integer
22     Dim percentD As Integer
23
24     ''' <summary>
25     ''' When the user clicks on the Load Names Button the user will be prompted ↗
26
27     ''' to select a csv names file, and when they click ok button the file of
28     ''' names will be opened, read in and added to the names list box
29     ''' </summary>
30     Private Sub LoadStudentNames(sender As Object, e As EventArgs) Handles ↗
31         NamesButton.Click
32
33         ' TODO need to use file open dialiog
34         filename = "Names.csv"
35         FileOpen(1, filename, OpenMode.Input)
36
37         NamesListBox.Items.Clear()
38
39         Do While Not EOF(1)
40             name = LineInput(1)
41             NamesListBox.Items.Add(name)
42         Loop
43
44         FileClose(1)
45
46     End Sub
47
48     ''' <summary>
49     ''' Add use case description here!
50     ''' </summary>
51     Private Sub LoadStudentMarks(sender As Object, e As EventArgs) Handles ↗
52         MarksButton.Click
53
54     End Sub
```

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54
55     ''' <summary>
56     ''' Add use case description here!
57     ''' </summary>
58     Private Sub CalculateGrades(sender As Object, e As EventArgs) Handles GradesButton.Click
59
60         GradesListBox.Items.Clear()
61
62         For Each mark In MarksListBox.Items
63
64             If (mark < 40) Then
65                 grade = "F"
66             ElseIf (mark < 65) Then
67                 grade = "P"
68             ElseIf (mark <= 80) Then
69                 grade = "M"
70             ElseIf (mark < 100) Then
71                 grade = "D"
72             End If
73
74             GradesListBox.Items.Add(grade)
75
76         Next
77
78     End Sub
79
80     ''' <summary>
81     ''' Add use case description here!
82     ''' </summary>
83     Private Sub CalculatePercentages(sender As Object, e As EventArgs) Handles CalculateButton.Click
84
85
86     End Sub
87
88     ''' <summary>
89     ''' Add use case description here!
90     ''' </summary>
91     Private Sub ExitApplication(sender As Object, e As EventArgs) Handles Button4.Click
92         Close()
93     End Sub
94
95 End Class
```