Note: ProjectItems that have Task List items associated with them are output in Bold and Red

ProjectItem 'consola' has no task items

```vb

Imports System

Module Module1
    Dim pepe As Date
    Sub Main()
        ' Declaracion de 3 cadenas con su inicialización
        Dim strCadenaA As String = "hola" , strCadenaB As String = "que tal " ,
        strCadenaC As String = "estas"

        ' Declaracion de variable tipo fecha e inicializaciones
        ' clase DateTime: parámetros año, mes, dia, hora, minuto, segundo
        Dim dateFechaA As New Date(2012, 12, 16, 12, 0, 0)
        'o tambien
        Dim dateFechaB As Date = #12/16/2012 12:0:2 AM#
        ' Son equivalentes tanto Date (antiguo) como DateTime (actual)
        Dim dateFechaC As Date = Date.Now
        Dim dateFechaC2 As Date = System.DateTime.Now
        Dim dateFechaD As Date = Date.UtcNow
        Dim dateFechaD2 As Date = System.DateTime.UtcNow
        Dim dateFechaE As Date = Date.Today
        Dim dateFechaE2 As Date = System.DateTime.Today


        ' el método subtract, necesita un objeto TimeSpan, no funciona con objeto
        Date
        ' TimeSpan es una estructura que contiene UNA DIFERENCIA DE 2 TIEMPOS/
        FECHAS + o -
        Dim aa As TimeSpan
        aa = dateFechaC.Subtract(dateFechaB)

        System.Console.WriteLine(dateFechaD.ToString)
        System.Console.WriteLine(aa.ToString)

        'Estruturas de control
        'If expresion Then sentencia
        If strCadenaA <> "aa"  Then System.Console.WriteLine("no" )

        'If expresion Then
        '    sentencia
        '    ...
        '[Else
        '    sentencia
        '    ...]

        'End If

        If strCadenaA <> "aa"  Then
            System.Console.WriteLine("no" )
        End If

        'If expresion Then
        '    sentencia
        '    ...
        'ElseIf expresion Then
        '    sentencia
        '    ...
        'Else
        '    sentencia
        '    ...
        'End If
        If strCadenaA <> "aa"  Then
```

```
60          System.Console.WriteLine("no" )
61      ElseIf strCadenaA = "ab"  Then
62          System.Console.WriteLine("no" )
63      End If
64
65      'Select Case variable
66      '    Case valor - valor2
67      '        sentencias
68      '        ...
69      '    Case valor
70      '        sentencias
71      '        ...
72      '    Case valor1, valor2, valor3
73      '    [Case Else
74      '        sentencias
75      '        ....]
76      'End Select
77      Select Case strCadenaB
78          Case "aa"
79              System.Console.WriteLine("AA" )
80          Case 1 - 5
81              System.Console.WriteLine("de 1 a 5" )
82          Case 1, "aa" , 2, 4, strCadenaC
83              System.Console.WriteLine("uff" )
84          Case Else
85              System.Console.WriteLine("na" )
86      End Select
87
88
89      'Bucles
90      'Do { While | Until } condicion
91      '    [ sentencia ]
92      '       [ Continue Do ]
93      '    [ sentencia ]
94      '       [ Exit Do ]
95      '    [ sentencia ]
96      'Loop
97
98      'Do
99      '    [ sentencia ]
100     '       [ Continue Do ]
101     '    [ sentencia ]
102     '       [ Exit Do ]
103     '    [ sentencia ]
104     'Loop { While | Until } condicion
105
106     'While condition
107     '    [ sentencia ]
108     '       [ Continue while ]
109     '    [ sentencia ]
110     '       [ Exit while ]
111     '    [ sentencia ]
112     'End While
113
114
115     'For coontador [ As datatype ] = ValorInicial To ValorFinal [ Step
        ValorSalto ]
116     '    [ sentencia ]
117     '       [ Continue for ]
118     '    [ sentencia ]
119     '       [ Exit for ]
120     '    [ sentencia ]
121     'Next [ contador ]
122
```

```
123         For i As Short = 0 To 1000 Step 2
124             System.Console.Write(i & " " )
125         Next
126         System.Console.WriteLine()
127
128
129         'Repite un grupo de instrucciones para cada elemento de una colección
130         'For Each elemento [ As datatype ] In coleccion
131         '    [ sentencia ]
132         '       [ Continue for ]
133         '    [ sentencia ]
134         '       [ Exit for ]
135         '    [ sentencia ]
136         'Next [ elemento ]
137
138         Dim iArray As Array = {1, 2, 3, 4, 5, 6, 7, 8}  'Objeto array (cualquier
            cosa, en este caso enteros)
139         For Each i As Integer In iArray
140             System.Console.Write(i & " " )
141         Next
142         System.Console.WriteLine("Elementos totales del vector: "  &
            iArray.Length)
143
144         Dim strArray(,) As String = {{"a1a" , "a2" }, {"b1b" , "b2" }, {"c1c" ,
            "c3" }, {"d1d" , "d2" }, {"e1e" , "e2" }} ' dim strArray(5,2)
145
146         ' Cuantas dimensiones?
147         System.Console.WriteLine()
148         System.Console.WriteLine("Dimensiones que tiene la tabla: "  &
            strArray.Rank)
149         System.Console.WriteLine("Elementos en todas las dimensiones: "  &
            strArray.Length)
150         System.Console.WriteLine("Elementos en una de las dimensiones: "  &
            strArray.Length / strArray.Rank)
151         System.Console.WriteLine("Indice maximo de la dimension: "  &
            strArray.GetUpperBound(1))
152
153         'Listar tabla
154         For Each ss As String In strArray
155             System.Console.Write(ss & " " )
156         Next
157
158         System.Console.WriteLine("Por dimensiones" )
159         For Each ss As String In strArray(0, 0)
160             System.Console.Write(ss & "--" ) ' caracter a caracter...
161         Next
162
163         For Each strA As String In strCadenaA & strCadenaB & strCadenaC
164             System.Console.WriteLine(strA)
165         Next
166
167         Console.ReadKey()
168
169     End Sub
170
171 End Module
```