

Public Function DaysInMonth(ByVal Year As UShort, ByVal Month As Byte) As Byte

Function that returns the number of days in the given month using the current Gregorian calendar  
Example: DaysInMonth(2000, 2) = 29  
Visustin sample algorithm  
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Select Case Month

Jan, Mar, May, Jul, Aug, Oct, Dec have 31 days

[1, 3, 5, 7, 8, 10, 12]

Return 31

Apr, Jun, Sep, Nov have 30 days

[4, 6, 9, 11]

Return 30

[2]

Error, invalid month

Else

February - need to check for leap year

«DecisionInput» (Year Mod 400) = 0

Return 0

«DecisionInput» (Year Mod 100) = 0

Year divisible by 400: Leap year

[No]

[Yes]

Year divisible by 100 (but not 400): Not leap year

[No]

[Yes]

Return 29

[Yes]

[No]

Year divisible by 4: Leap year

Not leap year

[Yes]

[No]

Return 29

Return 28

Return 28

Return 29

Return 28

Return 29

Return 28

Return 29

Return 28