

Two functions to calculate a factorium (n!)

These are two functions to calculate a factorium. The first functions works with a loop, the second is a recursive function (calls itself).

```
Function Factorial(n As Integer) As Double
' Function with loop to calculate a factorial
    Factorial = 1
    For i = 1 To n
        Factorial = Factorial * i
    Next i
End Function
```

```
Function Factorial2(n As Integer) As Double
' Recursive function to calculate a factorial
    If n < 1 Then
        Factorial2 = 1
    Else
        Factorial2 = n * Factorial2(n - 1)
    End If
End Function
```

Usage:

Call the function as a User Defined Function (UDF) and supply a integer as parameter. E.g. =Factorum(3) of Factorium2(3) (will give you answer '6')