

## **Calculating the Factorial of a Number**

```
Module main()
    Declare Integer number
    Declare Integer factorialResult
    Declare Integer product
    Set product = 1

    Display "Enter a number"
    Input number

    While product != number
        Set factorialResult = factorialResult * product
        Set product = product + 1
    End While
    Display factorialResult
End Module
```