Inlämningsuppgift

Factorial (optional)

You might have heard about the factorial from the mathematical world. The factorial n will give a value of all positive integers less than or equal to n

We here take an example of the factorial for 5!

5! = 5 * 4 * 3 * 2 * 1 = 120

You can also get more info regarding how it works on the Wikipedia page at

https://en.wikipedia.org/wiki/Factorial

Now to the assignment, you shall write a program that does the following:

- The program shall handle inputs as integer and shall give the question to the user "Enter a number to get the factorial of:"

- The user shall then enter a number as an integer

- The factorial function shall be a recursive function that call itself until the factorial has been reached

- We do not need to handle big factorials, so up to 10 is good enough

- The prototype for the factorial function shall look like:

     "int factorial(int number);"

Good luck!