Additional exercises

5.1 - While	Factorial
Instructions	Write a program that can calculate the factorial of a number https://en.wikipedia.org/wiki/Factorial Example: The factorial of 5 is 5*4*3*2*1=120
Expected output	Enter a number: >>>5 The factorial of 5 is 120
| Solution | ```python
input_number = int(input("Enter a number: "))
factorial = 1
number = input_number
while number > 0:
    factorial = factorial * number
    number -= 1
print("The factorial of", input_number, "is",
factorial)
``` |

5.2 - While	Fibonacci
Instructions	Write a program that can generate the Fibonacci sequence up to a certain number of terms. https://en.wikipedia.org/wiki/Fibonacci_sequence Example: The fibonacci sequence with 8 terms is 0 1 1 2 3 5 8 13