

CS118 Programming Assignment

Fibonacci Sequence #1

The Fibonacci sequence is a sequence of numbers which has a first value of 0, a second value of 1, and where all other numbers are each the sum of the immediately two preceding numbers.

Write a Python program which will collect two values from the user, M and N . M and N represent positions within the sequence – the first value of the sequence is position 1, the second value of the sequence is position 2, etc. Validate that the value provided by the user for M is at least 2 and that the value provided for N is more than M , forcing the user to provide a new value only for the variable which is not correct.

Once M and N are valid, compute each value of the sequence but only display terms M through N , inclusive.