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1: #!/usr/bin/python3
2: from pylab import *
3: from math import *
4: from numpy import *
5:
6: def p1():
7:     """Fibonacci Sequence: Prints all the sequence from 1 to Max"""
8:     print("Fibonacci Sequence:")
9:     vmaximum = int(input('Max: '))
10:    fibs = [1, 1]
11:    while fibs[-1] < vmaximum:
12:        fibs.append(fibs[-1] + fibs[-2])
13:    if fibs[-1] > vmaximum:
14:        fibs.pop()
15:    print(*fibs)
16:
17: if __name__ == "__main__":
18:     p1()
```