

## Fibonacci Numbers

[1] The Fibonacci sequence is a very famous pattern of numbers in mathematics. The first Fibonacci number is one. So is the second. Subsequent numbers are generated by adding the two numbers which precede it. Thus the third Fibonacci number is the sum of the first and second:  $1+1=2$ . So the first three Fibonacci numbers are 1,1,2. The fourth Fibonacci number is the sum of the second and third:  $1+2=3$ . So the first four Fibonacci numbers are 1,1,2,3. Write a program to print out the Fibonacci numbers.

[2] Look up the Fibonacci Numbers on the web and write a couple paragraphs about how they arise in mathematics and science.