**Tribonacci**

In the Fibonacci sequence, you start out with the numbers 0 and 1. You then add those two numbers to get the next number in the sequence which is also a 1. You keep adding the previous two numbers in order to get the next number. Doing so, the first ten numbers of the Fibonacci sequence are: 0, 1, 1, 2, 3, 5, 8, 13, 21, 34.

With this being the case, what if we added the previous three numbers to the sequence? The starting numbers would be 0, 1, 1 and the first ten numbers would be as follows: 0, 1, 1, 2, 4, 7, 13, 24, 44, 81. Doing this, we get the Tribonacci sequence. Do you think you can find the 10,000th number in this sequence? The number will be very big, so to shrink down the input, just print out the last ten digits of the number.

**Input:** There will be no input.

**Output:** The last ten digits of the 10,000th number in the Tribonacci sequence.