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A tri-summation series is just like the Fibonacci Series except it has a sum of 3 previous numbers instead of 2 previous numbers. The tri-summation series can be written as 0,1,1,2,4,7,13.....**N**thTerm.

**Function Description**

You will be provided **N**, find the **N**th term of the series.

**Input Format**

The first line of input will provide the value of **N.**

**Output Format**

The output should be modulus of **107**.

**Constraints**

1<=N<=10^3

**Sample Input**

7

Click and drag to move

**Sample Output**

13

Click and drag to move

**Explanation**

The 7th term of the series is equal to 2+4+7 or 13.

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