Code: FIBO | Problem 7 | Score: 100

# Finding Fibonacci

## Problem:

Ishan is crazy about Fibonacci numbers and keeps on reading about them in his free time.

He is trying to make a program which finds the number of digits in the $n^{th}$ Fibonacci number, but can not do so because the electricity went out at his place.

He just called Hardik to make the program for him. But Hardik is not answering the phone. Ishan is growing anxious about the problem and now wants you to make the program for him.

Can you do it?

Note : With respect of the question, the series goes like : 0,1,1,2,3....

## Input:

Each test case will be an integer n, $1 \leq n \leq 1000$, and for each n you have to find the number of digits in the Fibonacci number at that point.

## Output:

The output must consist of the answers for each test case, the answers being separated by a newline.

## Sample:

**Input:**

10

**Output:**

2

## Scoring:

There will be 5 test cases. Each correct test case will fetch you 20 points.