URI

Bienvenido,
IGNACIO

1151

- Descripción
- Pantalla Completa
- Enviar
- Ranking
- Foro
- Toolkit

Principiante

RESUELTO

Rank: 4153°

Run: 2327158

Tiempo: 0.000

Visualizar tu Solución

DIFFICULTY

☐☐☐☐☐☐☐☐☐☐

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Easy Fibonacci

Adapted by Neilor Tonin, URI 🇧🇷 Brazil

Timelimit: 1

The following sequence of numbers 0 1 1 2 3 5 8 13 21 ... is known as the Fibonacci Sequence. Thereafter, each number after the first 2 is equal to the sum of the previous two numbers. Write an algorithm read an integer N (N < 46) and that print the first N numbers of this squence.

Input

The input file contains an integer number N (0 < N < 46).

Output

The numbers should be printed on the same line, separated by a blank space. There is no space after the last number.

Thanks to Cássio F.

Sample Input	Sample Output
5	0 1 1 2 3