#include<stdio.h>

# 函数递归

int Fib(int n)

{

if (n <= 2)

return 1;

if (n > 2)

return Fib(n - 1) + Fib(n - 2);

}

int main()

{

int n = 0;

scanf("%d", &n);

int ret = Fib(n);

printf("%d\n", ret);

return 0;

}

# 函数迭代

int Fib(int n)

{

int a = 1;

int b = 1;

int c = 1;

while (n >= 3)

{

c = a + b;

a = b;

b = c;

n--;

}

return c;

}

int main()

{

int n = 0;

scanf("%d", &n);

int ret = Fib(n);

printf("%d\n", ret);

return 0;

}