

## Jojo's Equation

Jojo is learning about recursive. To train himself, he created a new series where  $T_N = 2N + T_{N-1} + T_{N-2}$ . He was so proud of himself until he found that he is incapable of calculating  $T_N$  given  $N$  using his own equation. Help Jojo given  $T_0 = 0$  and  $T_1 = 1$  !

### Format Input

The only line of input contains  $N$ .

### Format Output

The output of this problem will be  $T_N$ .

### Constraints

- $1 \leq N \leq 40$

### Sample Input (standard input)

```
10
```

### Sample Output (standard output)

```
673
```

## Jojo's Equation

Jojo sedang mempelajari materi rekursif. Sebagai latihan, dia menciptakan sebuah rumus  $T_N = 2N + T_{N-1} + T_{N-2}$ . Ia sangatlah bangga dengan dirinya sendiri hingga ia menemukan bahwa ia tidak bisa menghitung  $T_N$  dari  $N$  menggunakan rumus yang ia buat. Bantulan Jojo jika diketahui  $T_0 = 0$  dan  $T_1 = 1$  !

### Format Input

Baris input mengandung  $N$ .

### Format Output

Keluarkan  $T_N$ .

### Constraints

- $1 \leq N \leq 40$

### Sample Input (standard input)

10
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### Sample Output (standard output)

673
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