

## FiboCount

Lili just saw a presentation from a lecturer in her class. At the presentation, Lili learned how to calculate Fibonacci sequences using recursive functions. Lili has a Fibo function to calculate Fibonacci recursively and she wants to know how many times the Fibo function is called if Lili calls the Fibo( $n$ ) function.

### Format Input

The input consists of integer  $T$ . The next  $T$  line contains an integer  $n$  which means the  $n$ -th Fibo function that Lili wants to ask.

### Format Output

The output contains “*Case #X: Y*” where  $X$  is the testcase number (starting from 1) and  $Y$  is the number of times the Fibo function is called.

### Constraints

- $1 \leq T, n \leq 30$

### Sample Input 1 (standard input)

```
1
2
```

### Sample Output 1 (standard output)

```
Case #1: 3
```

### Sample Input 2 (standard input)

```
1
15
```

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## Sample Output 2 (standard output)

Case #1: 1973
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## FiboCount

Lili baru saja melihat presentasi dari dosen dikelasnya. Pada presentasi tersebut, Lili belajar cara menghitung deret Fibonacci dengan menggunakan fungsi rekursif. Lili memiliki sebuah fungsi Fibo untuk menghitung Fibonacci secara rekursif dan Ia ingin tahu berapa kali fungsi Fibo dipanggil jika Lili memanggil fungsi Fibo( $n$ ).

### Format Input

Input terdiri dari bilangan bulat  $T$ .  $T$  baris berikutnya berisi sebuah integer  $n$  yang berarti fungsi Fibo ke- $n$  yang ingin ditanya Lili.

### Format Output

Output berisi “Case # $X$ :  $Y$ ” dimana  $X$  merupakan nomor testcase (mulai dari 1) dan  $Y$  merupakan jumlah berapa kali fungsi Fibo dipanggil.

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```
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### Sample Output 1 (standard output)

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Case #1: 3
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### Sample Input 2 (standard input)

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## Sample Output 2 (standard output)

Case #1: 1973
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