Dice

- Time limit: 1 second

- Memory limit: 256 MB

The number of ways in which the sum of throwing a number of dice is equal n can be found Each dice can be a number between one and six.
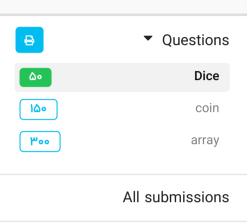
Input

The input contains only one line where the natural number n Is.

$$1 \leq n \leq 10^6$$

Output

Measure the number of possible states $10^9 + 7$ print

Example

Sample input 1

```
3
```

Sample output 1

```
4
```

- $1 + 1 + 1$
- $1 + 2$
- $2 + 1$
- 3

POST AN ANSWER TO THIS QUESTION

The training period is over.

Quera

Quera Jr