



## 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



#### ▼ Questions



Dice



coin



array

All submissions

Final submissions

## 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

### with Quera

[Work with us](#)

[contact us](#)

[about us](#)

[Terms and Conditions](#)

[Sponsorship of competitions](#)

### events

[Kodak](#)

[Scale up](#)

[Trainee exhibition](#)

[Tracey](#)

### Sources

[Quora blog](#)

[Programmers' salary calculator](#)

[Statistics of the programming world](#)

[subscribe to newsletter](#)

### Products

[Teaching programming](#)

[Recruitment ads](#)

[Programming questions](#)

[Competitions](#)

[classes](#)

[Employment platform](#)



