A. Palentine's Day

Score: 1

CPU: 1s
Memory: 1024MB

Palentine was the great mathematician in Rome city. He loved to use mathematical formulas in his everyday life. One day he met a girl and decided to propose her. Now it was time to impress the girl. Suddenly a thought came into his mind. He decided to give her some flowers, each day when he would meet the girl. But it was hard to decide for Palatine that how many flowers he would buy. So he made an equation to evaluate the number of flowers.

Palentine decided to give **1+2+...+N** flowers on N-th Palentine day (Since Palentine does not believe in year and month, he started his own day counting system starting from 1 to infinity).

So according to the equation he gave 1 flower to the girl on the 1st Palentine's day. As such he gave 1+2 = 3 flowers to her on the 2nd Palantine's day, 1+2+3+ ... + 9 + 10 = 55 flowers on the 10-th day and so on.

The days were passing, and Palantine was busy with calculating his number and buying flowers. Now Palentine is too tired and bored to calculate the number of flower to buy and today is the 365-th Palantine's day. He needs you to calculate the number of flowers he is going to buy on 365-th day.

Input

There is no input in this problem.

Output

Output a single integer number, the number of flowers he should buy on 365-th day.

Sample

Input	Output
No Sample Input	5151

The sample output might give wrong answer as this is a sample to show the output format.

Hint: Code snippet in C/C++ to print the above sample output

```
#include
int main()
{
     int N = 365, flower;
```

```
    //flower = something;
    printf("%d\n",flower);
    return 0;
}
```