#include<stdio.h>

int input()

{

int n;

printf("Up to which number you want to find the sum: ");

scanf("%d", &n);

return n;

}

int sum(int num)

{

int add = 0;

for(int i=1; i<=num; i++)

{

add += i;

}

return add;

}

void display(int n, int sum)

{

printf("1+2+3+….+%d+%d = %d",n-1, n, sum);

}

int main()

{

int range, result;

range = input();

result = sum(range);

display(range, result);

}