

sumN2.c

```
1 #include <stdio.h>
2
3 int main(){
4
5     int n, sum;
6
7     printf("Enter a positive integer: ");
8     scanf("%d", &n);
9
10    if (n <= 0) {
11        printf("Please enter a positive integer.\n");
12        return 1;
13    }
14
15    sum = n * (n + 1) / 2;
16
17    printf("Sum of the first %d natural numbers is %d\n", n, sum);
18
19    return 0;
20 }
```