

## 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 }
```