

```
1 //
2 // Created by hengxin on 10/16/21.
3 //
4
5 #include <stdio.h>
6
7 int main() {
8     int n;
9     scanf("%d", &n);
10
11     int sum = 0;
12     for (int i = 1; i <= n; i++) {
13         sum += i;
14     }
15
16     printf("%d\n", sum);
17
18     return 0;
19 }
```