

```
1  #include <stdio.h>
2
3  int main(void) {
4      int n, i, sum = 0;
5
6      printf("Enter a positive integer: ");
7      scanf("%d", &n);
8
9      for (i = 1; i <= n; ++i) {
10         printf("%d ", i);
11         sum += i;
12     }
13     printf("\nSum = %d", sum);
14
15     return 0;
16 }
```