

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  #include <stdio.h>
5
6  int main() {
7      int n, i, sum = 0;
8
9      // Input the value of n
10     printf("Enter the value of n: ");
11     scanf("%d", &n);
12
13     // Using for loop
14     printf("Using for loop:\n");
15     sum = 0;
16     for (i = 1; i <= n; i++) {
17         printf("%d ", 2 * i - 1);
18         sum += 2 * i - 1;
19     }
20     printf("\nSum of the first %d odd natural numbers: %d\n", n, sum);
21
22     // Using while loop
23     printf("\nUsing while loop:\n");
24     i = 1;
25     sum = 0;
26     while (i <= n) {
27         printf("%d ", 2 * i - 1);
28         sum += 2 * i - 1;
29         i++;
30     }
31     printf("\nSum of the first %d odd natural numbers: %d\n", n, sum);
32
33     // Using do-while loop
34     printf("\nUsing do-while loop:\n");
35     i = 1;
36     sum = 0;
37     do {
38         printf("%d ", 2 * i - 1);
39         sum += 2 * i - 1;
40         i++;
41     } while (i <= n);
42     printf("\nSum of the first %d odd natural numbers: %d\n", n, sum);
43
44     return 0;
45 }
```