

```

1 // Finding the Sum and Average of the all Even or Odd numbers from the first given n
  Natural Numbers
2
3 #include<stdio.h>
4 #include<conio.h>
5 #include<string.h>
6
7 void main()
8 {
9     printf("Find the Sum of all the Even or Odd numbers from the first n Natural
  Numbers");
10
11     char choice[5];
12     int n, sum=0, avg, i, j=0; // n= Number of Natural Numbers, i=General purpose
  initilizer, j=Number Count
13
14     printf("\n\nPlease enter the last natural number : ");
15     scanf("%d",&n);
16
17 start: //For restart purpose
18
19     printf("\nWhich type of numbers (Even/Odd) do you want to calculate the sum from
  first %d Natural numbers? Answer (even/odd) : ",n);
20     scanf("%s",choice);
21
22     if(strcmp(choice, "even") == 0) i=2;
23     else if(strcmp(choice, "odd") == 0) i=1;
24     else {printf("Error!"); goto start;}
25
26     for(i; i<=n; i=i+2)
27     {
28         j++;
29         sum=sum+i;
30         avg=sum/j;
31     }
32
33     printf("\n\nSum of all the %s numbers from the first %d Natural Numbers is : %d",
  choice, n, sum);
34     printf("\n\nAverage of all the %s numbers (%d numbers) from the first %d Natural
  Numbers is : %d",choice,j,n,avg);
35
36     printf("\n\n");
37     getch();
38 }
39

```