

```
1 /*Aim: WAP to find the sum of all the odd numbers between numbers entered by the user
2 Name :Mohammed Aquib
3 UIN :241A006
4 ROLL :06
5 DIV :A1
6 DPT :AI DS */
7 #include <stdio.h>
8 int main()
9 {
10 printf("\t\t\t\t\t\tSum of odd numbers***\n\n");
11 int low_range,high_range,remainder,sum=0,odd_num;
12 printf("Enter the low end of the range\t:");
13 scanf("%d",&low_range);
14 printf("Enter the high end of the range\t:");
15 scanf("%d",&high_range);
16 if (low_range<high_range){
17     for (odd_num=low_range ;odd_num<=high_range ; odd_num++){
18         remainder=odd_num%2;
19
20         if(remainder!=0){
21             sum=odd_num+sum;
22         }
23     }
24     printf("The sum of all odd numbers in the given range of %d to %d is equal to:%d\n",low_range
25 ,high_range,sum);
26 }
27 else{
28     printf("Invalid the low range must be greater than the high range");
29 }
30 }
```

Sum of odd numbers

Enter the low end of the range :10

Enter the high end of the range :20

The sum of all odd numbers in the given range of 10 to 20 is equal to:75

==== Code Execution Successful ===