

```
1  //Nhan Vo
2  // CECS 282 LAB 1-Problem 1
3  #include <iostream>
4  using namespace std;
5  /*
6  Take a pass by value number
7  Find the remainder of the number and reduce it by 10 percent each iteration
8  If the remainder is odd, add to the sum
9  */
10 int OddCalculation(int x){
11
12     int temp=0;
13     int sum=0;
14     int factor=2;
15     int decimal=10;
16
17
18     while(x>0){
19
20         temp=x%decimal;// seperate each number in x
21
22         x=x/decimal;// remove the seperated number
23
24         if(temp%factor!=0){
25
26             sum+=temp;// If the seperated number is odd, add to sum
27
28         }
29
30     }
31
32     return sum;
33
34 }
35
36 /*
37 Driver:
38 Take the input from the user
39 Call the OddCalculation() function with the number from the user.
40 */
41 int main()
42 {
43     int input;// initialize user's input holder
44
45     cout<<"Please Enter your number"<<endl;
46
47     cin>>input;// store input
48
49     cout<<OddCalculation(input);//call OddCalculation function
50
51     return 0;
52 }
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53 }
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Please Enter your number

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...Program finished with exit code 0

Press ENTER to exit console.