

SUM CHECK

Problem

Submissions

Leaderboard

Discussions

Write a C program to input two numbers.If sum of the numbers is even, find the reverse of the sum .If sum is odd check whether the sum is prime or not.

Input Format

Input two numbers.

Constraints

Use the concept of functions in C for reversing and primechecking.

Output Format

First line refers to sum of two numbers.

Second line depends on the operations.

Sample Input 0

```
10 14
```

Sample Output 0

```
24
42
```

Sample Input 1

```
5 8
```

Sample Output 1

```
13
Prime
```

Sample Input 2

```
15 10
```

Sample Output 2



```
25
Not prime
```

Difficulty: Easy

Rate This Challenge:

☆☆☆☆☆

[More](#)

Current Buffer (saved locally, editable)  

C



```
1 #include<stdio.h>
2
3 void reverse(int);
4 void prime_check(int);
5
6 void reverse(int num)
7 {
8     int rev=0,remainder;
9     while (num != 0)
10 {
11     remainder=num%10;
12     rev=rev*10+remainder;
13     num=num/10;
14 }
15 printf("%d",rev);
16
17 }
18
19 void prime_check(int num)
20 {
21     int flag=0;
22     for (int i=2;i<=num/2;i++)
23 {
24     if(num%i==0)
25 {
26     printf("Not prime");
27     flag=1;
28     break;
29 }
30 }
31 if(flag==0)
32 {
33     printf("Prime");
34 }
35
36 }
37
38 int main()
39 {
40     int num1,num2,sum;
41     scanf("%d%d",&num1,&num2);
42     sum=num1+num2;
43     printf("%d\n",sum);
44
45     if(sum%2==0){
46         reverse(sum);
47     }
48     else{
49         prime_check(sum);
50     }
51
52     return 0;
53 }
```

Line: 1 Col: 1

 [Upload Code as File](#) ☐ Test against custom input

Run Code

Submit Code

Testcase 0 

Testcase 1 

Testcase 2 

Congratulations, you passed the sample test case.

Click the **Submit Code** button to run your code against all the test cases.

Input (stdin)

```
10 14
```

Your Output (stdout)

```
24
42
```

Expected Output

```
24
42
```