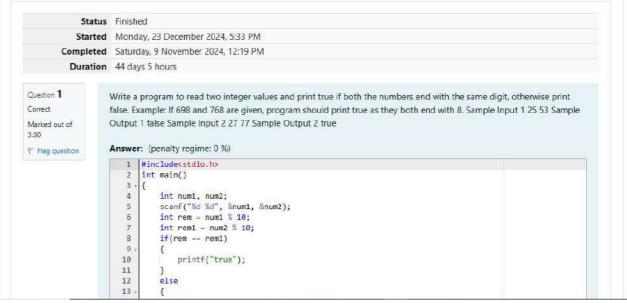
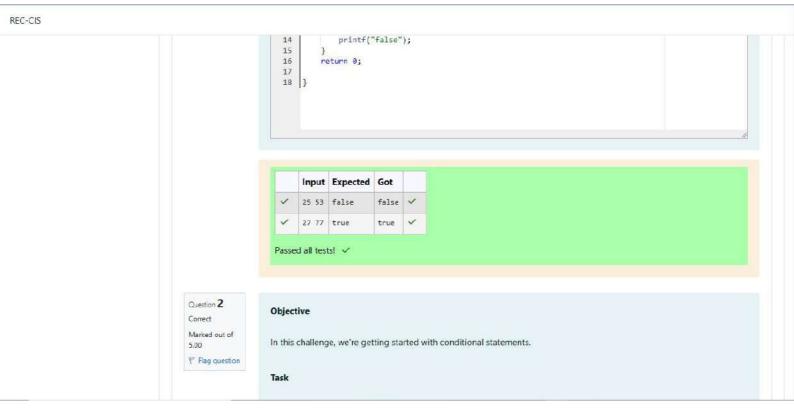
# GE23131-Programming Using C-2024







Given an integer,  $\mathbf{n}_i$  perform the following conditional actions:

- If n is odd, print Weird
- · If n is even and in the inclusive range of 2 to 5, print Not Weird
- · If n is even and in the inclusive range of 6 to 20, print Weird
- If n is even and greater than 20, print Not Weird

Complete the stub code provided in your editor to print whether or not n is weird.

#### **Input Format**

A single line containing a positive integer, n.

#### Constraints

· 1 ≤ n ≤ 100

#### **Output Format**

Print Weird if the number is weird; otherwise, print Not Weird.

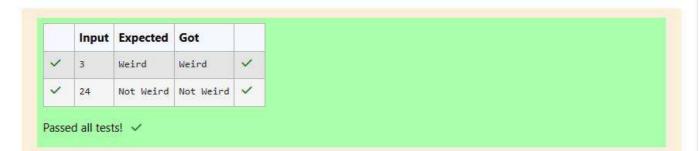
140701036			
Sample Input 0			
3			
Sample Output 0			
Weird			
Trend			
Sample Input 1			
24			
24			
Sample Output 1			
Not Weird			
Not Wellu			
Explanation			
Samuela Casa Or m = 3			
Sample Case 0: n = 3			
n is odd and odd numbers are we	eird, so we print <b>Weird</b> .		

Sample Case 1: n = 24

n > 20 and n is even, so it isn't weird. Thus, we print Not Weird.

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
 2
    int main()
 3 v {
        int n;
scanf("%d", &n);
 4
 5
        if(n % 2 == 0)
 6
 7 v
            if(n >= 2 && n <= 5)
 8
 9 ,
10
                printf("Not Weird");
11
            }
            else if(n >= 6 && n <= 20)
12
13
            {
14
                printf("Weird");
15
            }
16
           else
17 +
            {
                printf("Not Weird");
18
            }
19
20
21
        else
22 v
        {
            printf("Weird");
23
24
        return 0;
25
26 }
```



Question 3
Correct
Marked out of 7,00
Flag question

Three numbers form a Pythagorean triple if the sum of squares of two numbers is equal to the square of the third. For example, 3, 5 and 4 form a Pythagorean triple, since 3\*3 + 4\*4 = 25 = 5\*5 You are given three integers, a, b, and c. They need not be given in increasing order. If they form a Pythagorean triple, then print "yes", otherwise, print "no". Please note that the output message is in small letters. Sample Input 1 3 5 4 Sample Output 1 yes Sample Input 2 5 8 2 Sample Output 2 no

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
      2
                                    int main()
      3 + {
      4
                                                                                 int n1, n2, n3;
                                                                                 scanf("%d %d %d", &n1, &n2, &n3);
      5
        6
                                                                                 if((n1*n1) + (n2*n2) == (n3*n3) || (n2*n2) + (n3*n3) == (n1*n1) || (n1*n1) + (n1*n1) + (n1*n1) 
      7
                                                                                {
                                                                                                                        printf("yes");
        8
        9
10
                                                                                else
```

```
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11 v {

12 printf("no");

13 }
              return 0;
     14
15 }
```

	Input	Expected	Got	
~	3 5 4	yes	yes	~
~	5 8 2	no	no	~

Passed all tests! <

Finish review