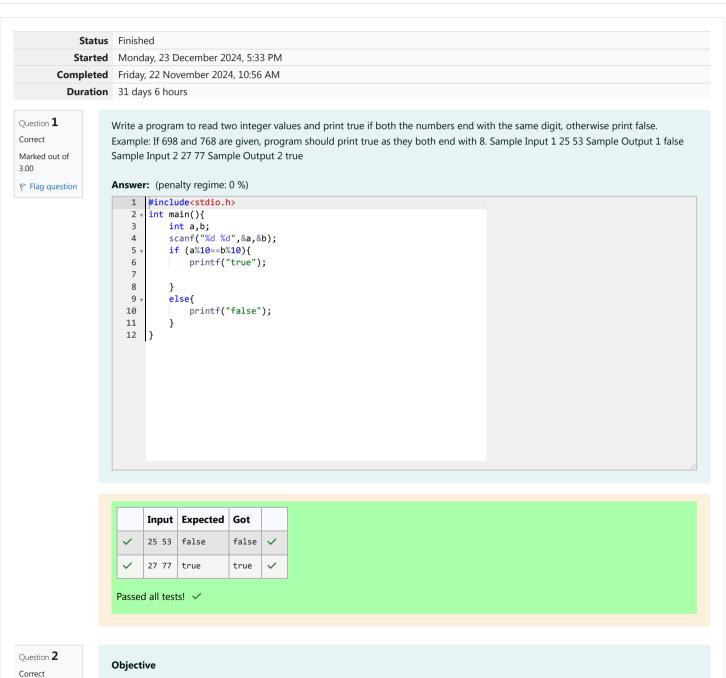
# GE23131-Programming Using C-2024





r riag question

#### Task

Given an integer, **n**, 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  $\mathbf{n}$  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.

# Sample Input 0

3

## Sample Output 0

Weird

# Sample Input 1

24

# Sample Output 1

## Explanation

Sample Case 0: n = 3

n is odd and odd numbers are weird, so we print Weird.

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 %)

```
1 #include<stdio.h>
 2 v int main(){
        int n;
        scanf("%d",&n);
4
        if (n%2!=0){
 6
            printf("Weird");
7
        }
8
        else{
9 ,
            if (2<=n && n<=5){
10
               printf("Not Weird");
11
12 1
            else if (6<=n && n<=20){
13
               printf("Weird");
14
15 1
            else if (n>20){
16
                printf("Not Weird");
17
18
19
```

		Input	Expected	Got	
	~	3	Weird	Weird	~
	~	24	Not Weird	Not Weird	~

Passed all tests! <

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 %)

- 1 #include<stdio.h>
- 2 int main(){

```
11 ((a.a)±(n.n)==(c.c))
          printf("yes");
6
7
      else if ((c*c)+(b*b)==(a*a)){
8 🔻
9
       printf("yes");
10
11 *
      else if ((a*a)+(c*c)==(b*b)){
       printf("yes");
12
13
      }
14 🔻
      else{
15
      printf("no");
16
      }
17 }
```

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

Passed all tests! ✓

Finish review