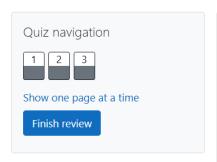
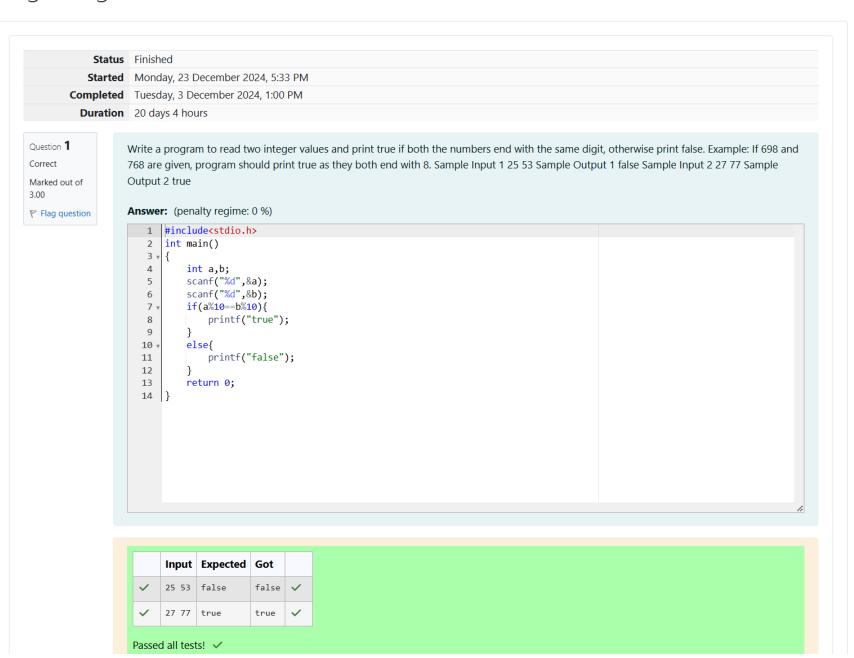
# GE23131-Programming Using C-2024





Question  $\mathbf{2}$ 

Correct

Marked out of 5.00

Flag question

# Objective

In this challenge, we're getting started with conditional statements.

#### 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

Not Weird

# 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 int main()
3 ₹ {
 4
       int n;
 5
       scanf("%d", &n);
       if(n%2==0){
 6 •
           printf("Not Weird");
 7
 8
 9 ,
       else{
           printf("Weird");
10
11
12
       return 0;
13 }
```

	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 %)

```
#include<stdio.h>
    int main()
 2
 3 ▼ {
 4
        int a,b,c;
        scanf("%d", &a);
 5
        scanf("%d", &b);
 6
 7
        scanf("%d", &c);
 8
        if(a*a+b*b==c*c){}
           printf("yes");
 9
10
        else if(a*a+c*c==b*b){
11 1
           printf("yes");
12
13
        else if(b*b+c*c==a*a){
14
15
            printf("Yes");
16
17
           else{
                printf("no");
18
19
20
```

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

Passed all tests! 
Finish review