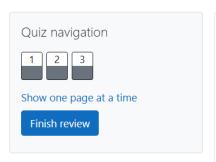
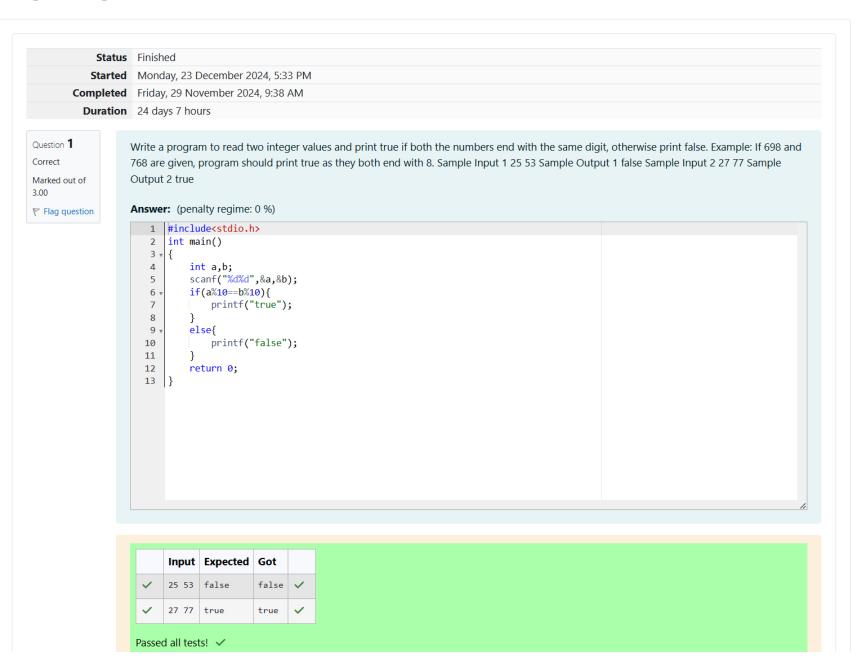
# GE23131-Programming Using C-2024





# Question 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 a;
       scanf("%d",&a);
 5
 6 1
       if(a%2==1){
       printf("Weird");
 7
 8
 9
       else if(a>2 || a<5)
10
11
           printf("Not Weird");
12
13 1
       else if(a>6 || a<20){
           printf("Weird");
14
15
16
       else{
           printf("Not Weird");
17
18
19
       return 0;
20 }
```

	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 ₹ {
        int a,b,c,d;
 4
        scanf("%d%d%d",&a,&b,&c);
 5
        d=a*a+c*c;
        if((a*a==b*b+c*c)||(b*b==a*a+c*c)||(c*c==b*b+a*a)){}
 7 ,
 8
            printf("yes");
 9
        else if(d!=c*c){
10
11
            printf("no");
12
13 }
```

	Input	Expected	Got	
~	3 5 4	yes	yes	<b>~</b>
~	5 8 2	no	no	~

Daccod all toctcl

Finish review