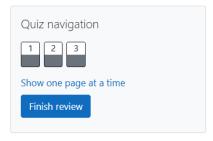
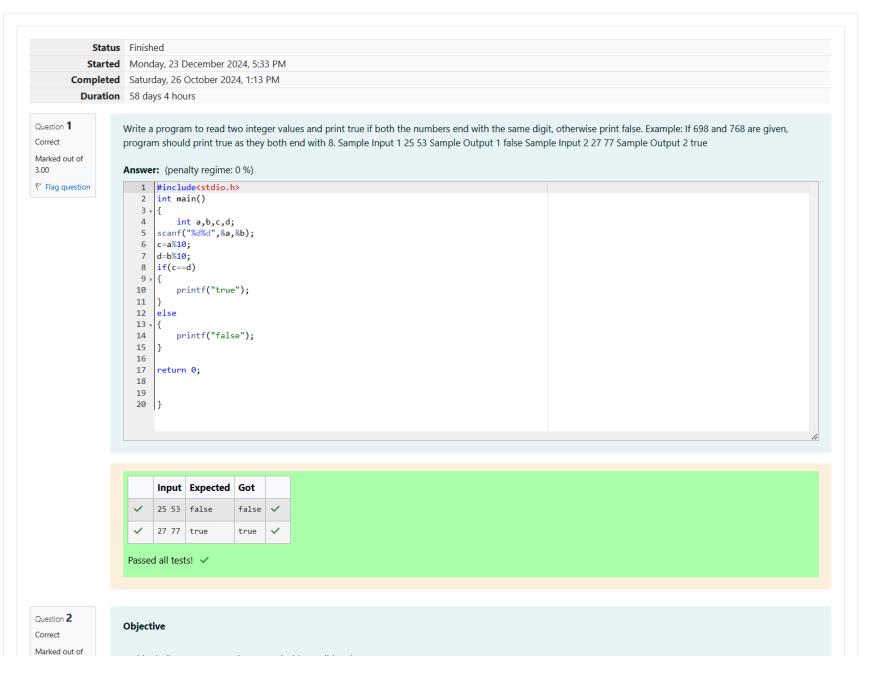
# GE23131-Programming Using C-2024

## MUTHURAM 240901062





Flag question

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

Task MUTHURAM 240901062

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

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#### 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);
6 if(a%2!=0)
7 √ {
 8
       printf("Weird");
9
10
    else if(a%2==0&&a>=2&&a<=5)
11 + {
12
       printf("Not Weird");
13
    else if(a%2==0&&a<=20&&a>=6)
14
15 v {
16
       printf("Weird");
17
18
19
    else
20 + {
21
       printf("Not Weird");
22
23
    return 0;
24
25 }
```

	Input	Expected	Got	
~	3	Weird	Weird	<b>~</b>
~	24	Not Weird	Not Weird	<b>~</b>

Passed all tests! <

Question **3**Correct

Marked out of

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

```
7.00 Flag question
```

```
Answer: (penalty regime: 0 %)
```

```
1 #include<stdio.h>
2 int main()
3 v {
4
5
6
       int a,b,c;
scanf("%d\n%d\n",&a,&b,&c);
if(a*a+b*b==c*c||a*a+c*c==b*b||b*b+c*c==a*a)
7 🔻
       printf("yes");
 8
 9
       }
10
       else
11 •
       printf("no");
12
13
14
15 return 0;
16
```

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

Passed all tests! 🗸

Finish review