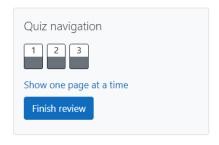
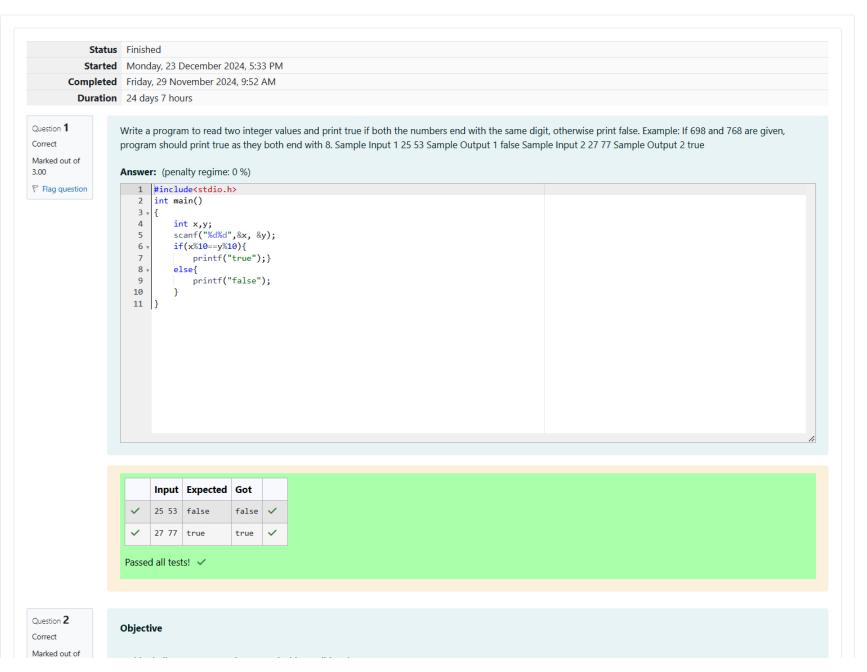
# GE23131-Programming Using C-2024





Flag question

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

#### Task

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

#### 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;
       scanf("%d",&n);
5
       if(n>=1 && n<=100){
6 🔻
7 🔻
           if(n%2!=0){
 8
               printf("Weird");
9
10 •
           else {
11 ,
               if(n>=2 && n<=5){
12
                  printf("Not Weird");
13
               else if(n>=6 && n>=20){
14 🔻
                   printf("Not Weird");
15
               }
16
17
               else {
18
                  printf("Weird");
19
20
21
22
       return 0;
23 }
```

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

Passed all tests! <

Question **3**Correct

Marked out of 7.00

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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()
3 √ {
       int a,b,c;
scanf("%d%d%d",&a, &b, &c);
4
5
       if(a*a+b*b==c*c){
6 🔻
       printf("yes"); }
else if(a*a+c*c==b*b){
7
8 *
        printf("yes");
9
10
11 •
      else if(b*b+c*c==a*a){
12
       else{
13 🔻
        printf("no");
14
15
16
        return 0;
17 }
```

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

Passed all tests! ✓

Finish review