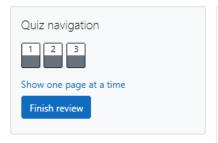
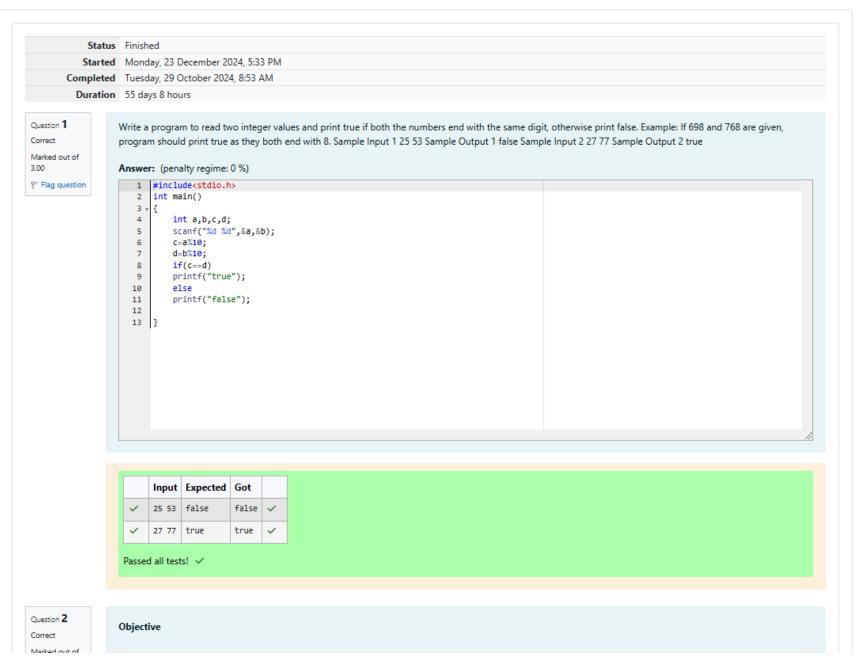
# GE23131-Programming Using C-2024





5.00 Flag question Task

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

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 n is weird.

## Input Format

A single line containing a positive integer,  $\boldsymbol{n}$ .

#### 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);
 6
       if(n%2!=0)
7
       printf("Weird");
 8
        else
9 ,
10
             if(n%2==0)
11
12
                 if(n>=2&&n<=5)
13
                 printf("Not Weird");
14
                 else if(n>=6&&n<=20)
15
                 printf("Weird");
                 else if(n>=20)
16
17
                 printf("Not Weird");
18
19
20
21
22
23
24
```

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

Passed all tests! <

Question **3** Correct

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

Answer: (penalty regime: 0 %)

1 #include<stdio.h>
2 int main()
3 + {
4 int a,b,c;
5 scanf("%d %d %d",&a,&b,&c);
6 a=a^a;
7 b=b^bb;
8 c=c\*c;
9 if(a+b=c||a+c==b||b+c==a)
printf("yes");
11 else
12 printf("no");
13 }

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

Passed all tests! ✓

Finish review