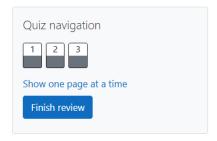
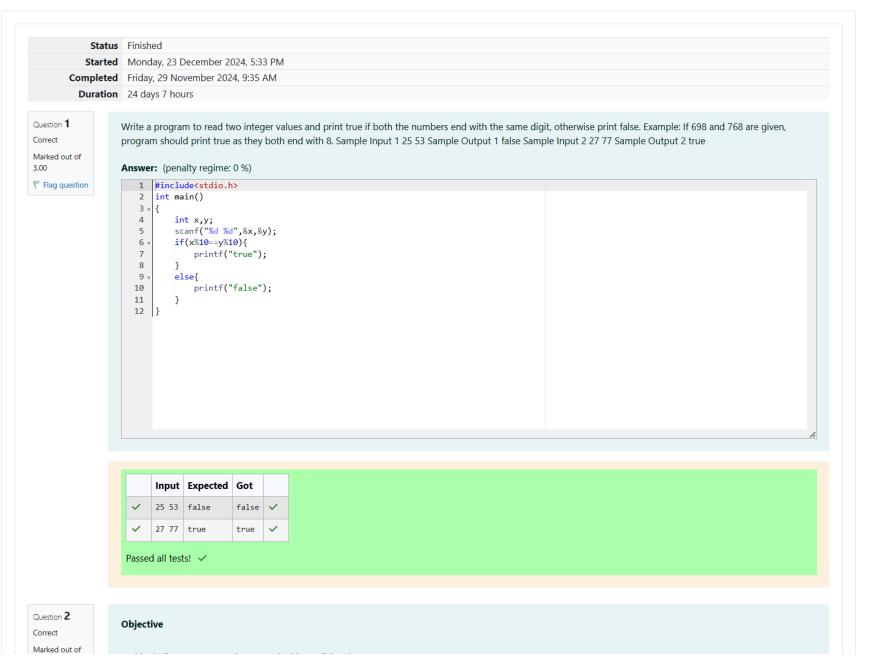
# GE23131-Programming Using C-2024





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%2==0){
6 🔻
7 🔻
           if(n>=2 && n<=5){
 8
               printf("Not Weird");
9
10
           if(n>=6 && n<=20)
11 ,
12
              printf("Weird");
13
           if(n>20)
14
15 +
              printf("Not Weird");
16
17
18
19
           else
20 1
               printf("Weird");
21
22
23
24 }
```

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

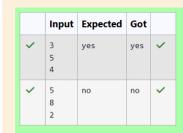
Passed all tests! <

Question **3**Correct

Marked out of 7.00

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



Passed all tests! <

Finish review