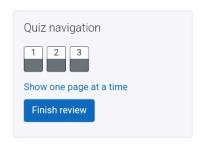
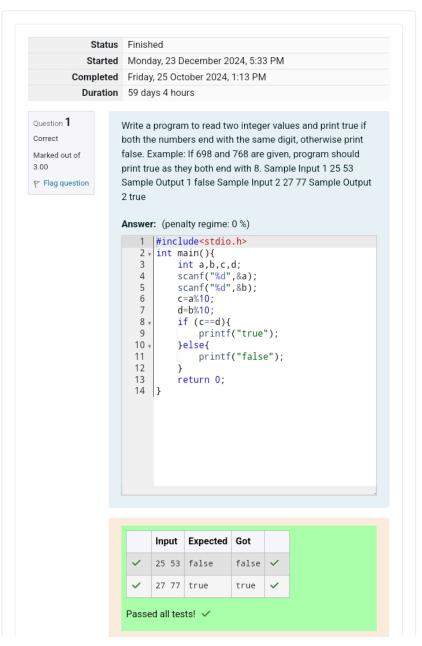
# GE23131-Programming Using C-2024





Question **2**Correct
Marked out of 5.00

P Flag question

# Objective

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

#### Task

Given an integer,  $\emph{\textbf{n}}$ , perform the following conditional actions:

- If n is odd, print Weird
- · If  ${\it n}$  is even and in the inclusive range of  ${\it 2}$  to  ${\it 5}$ , print  ${\it Not Weird}$
- · If n is even and in the inclusive range of  $\bf 6$  to  $\bf 20$ , print  $\bf Weird$
- · If *n* is even and greater than *20*, print *Not Weird*

Complete the stub code provided in your editor to print whether or not  ${\it n}$  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>
 printf("Weird");
             if(a%2==0){
 8 *
                  (a%2==0){
   if(a>=2 && a<=5){
      printf("Not Weird");
}else if(a>=6 && a<=20){
      printf("Weird");
}else if(a>=20){
      printf("Not Weird");
}
9 ,
10
11 v
12
13
14
15
16
             return 0;
17
18
```

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

Passed all tests! 🗸

Question **3**Correct
Marked out of 7.00

Friag 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 %)

```
1 |#include<stdio.h>
 2 int main(){
 3
         int a,b,c,d,e,f;
         scanf("%d",&a);
scanf("%d",&b);
 4
         scanf("%d",&c);
 6
         a=a*a;
         b=b*b;
 8
 9
         c=c*c;
10
         d=b+c;
         e=a+b;
11
12
         f=c+a;
13
         if(a==d){
         printf("yes");
}else if(b==f){
  printf("yes");
14
15
16
17
18
         }else if(c==e){
19
             printf("yes");
20
         }else{
             printf("no");
21
22
23
         return 0;
24
25 }
```

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

Passed all tests! <

Finish review