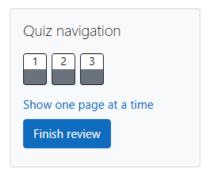
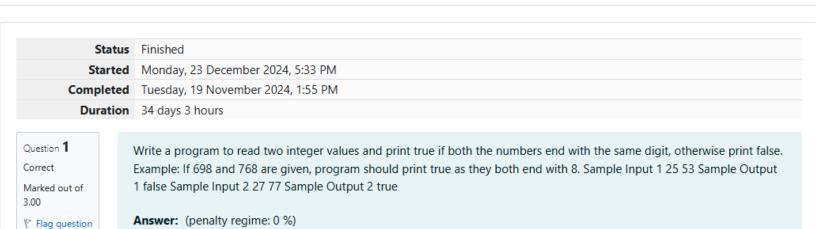
# GE23131-Programming Using C-2024





Answer: (penalty regime: 0 %) #include<stdio.h> 2 v int main(){ int num1, num2; scanf("%d %d",&num1,&num2); 4 5 , if(num1%10==num2%10){ 6 printf("true\n"); 7 8 , else{ printf("false\n"); 9 10 11 }

Input Expected Got

~	25 53	false	false	~
<b>~</b>	27 77	true	true	<b>~</b>

Passed all tests! <

Question **2**Correct
Marked out of 5.00

Flag question

## Objective

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  $\mathbf{n}$  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 = 3n 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>

```
princi ( weiru /,
7
8
        else
9 ,
10 ,
            if((a>=2)||(a<=5)||(a>20)){
                printf("Not Weird");
11
12
13
            else
14
                printf("Weird");
15
16
17
18
```

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

Passed all tests! <

Question  $\bf 3$ 

Correct

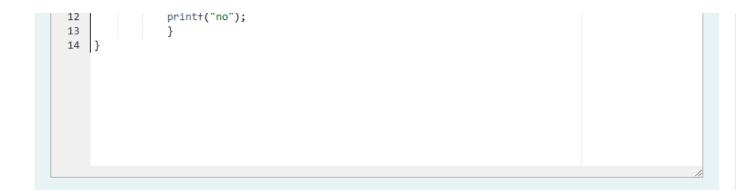
Marked out of 7.00

Flag 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 %)

```
#include<stdio.h>
2 v int main(){
3
        int a,b,c;
4
        scanf("%d %d %d",&a,&b,&c);
        if(a*a+b*b==c*c | | a*a+c*c==b*b | | b*b+c*c==a*a)
 5
 6 ,
7
            printf("yes");
 8
 9
10
                 else
11 *
```



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

Passed all tests! 🗸

Finish review