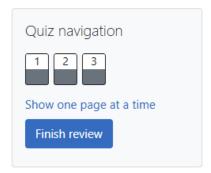
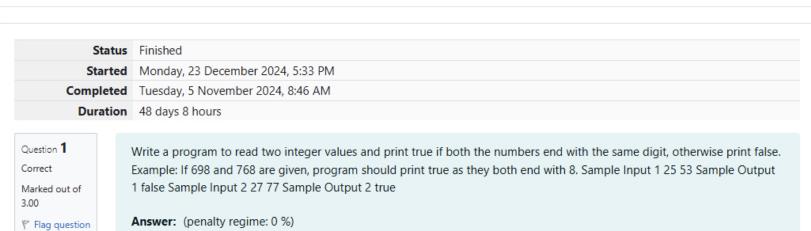
# GE23131-Programming Using C-2024





#include<stdio.h> int main() 3 ₹ { int a,b,c,d; 5 scanf("%d%d",&a,&b); 6 c=a%10; d=b%10; 8 if(c==d) 9 printf("true"); 10 11 12 13 else 14 printf("false"); 15 16 17

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

Frag 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>

```
1 #include<stdio.h>
2 int main()
3 v {
4    int a,b,c;
5    scanf("%d%d",&a,&b);
6    c=2\frac{2}{2};
```

	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>
   int main()
2
3 √ {
4
       int a,b,c,d,e,f;
       scanf("%d%d%d",&a,&b,&c);
5
       d=c*c;
6
7
       e=a*a;
       f=b*b;
8
9
       if(d==e+f)
10
11
           printf("yes");
```

```
12
       }
else if(e==d+f)
13
14 🔻
       printf("yes");
15
16
       else if(f==d+e)
17
18 *
19
       printf("yes");
20
       else
21
22 v
23
       printf("no");
24
25 }
```

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

Passed all tests! 🗸

Finish review