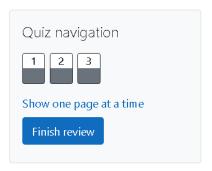
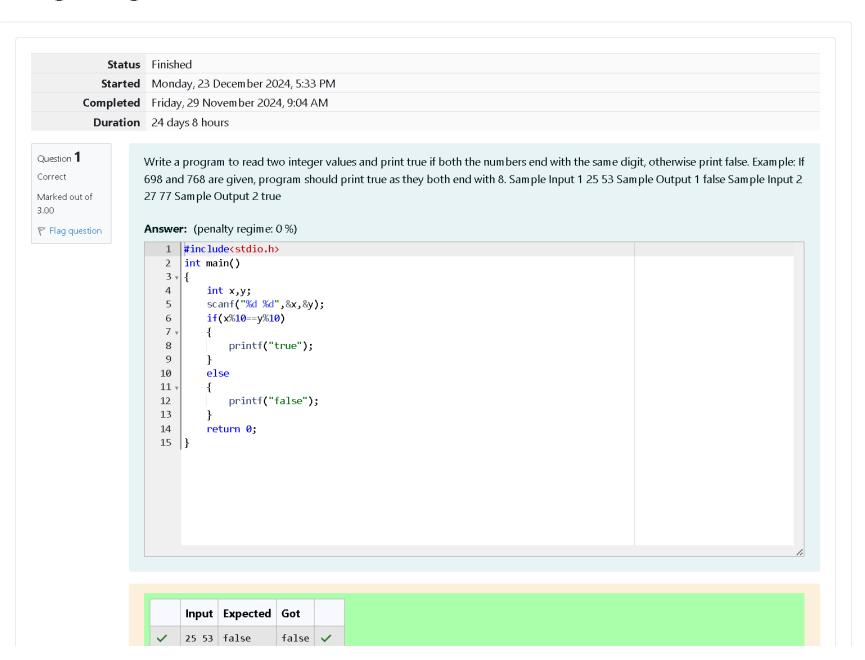
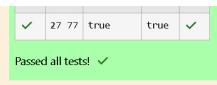
GE23131-Programming Using C-2024







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, 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 = 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> 2 v int main(){ 3 int n; 4 scanf("%d",&n); if(n%2!=0) 5 6 + **if**(n<5) 7 8 * printf("Weird"); 9 10 else if(n<21)

```
12 1
           printf("Weird");
13
14
15
           else if(n>21)
16
           printf("Not Weird");
17
18
19
           else
20
21
           printf("Not Weird");
22
23
24
        else{
25
           printf("Not Weird");
26
27
        return 0;
28
29
30
31
```

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

Passed all tests! <

Question **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 %)

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

```
9
10
       else if(b*b+c*c==a*a)
11 🔻
      printf("yes");
12
13
14
       else if(a*a+c*c==b*b)
15 +
      printf("yes");
16
17
18
       else
19 🔻
      printf("no");
20
21
22
       return 0;
23 }
```

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

Passed all tests! 🗸

Finish review