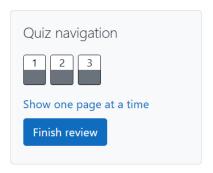
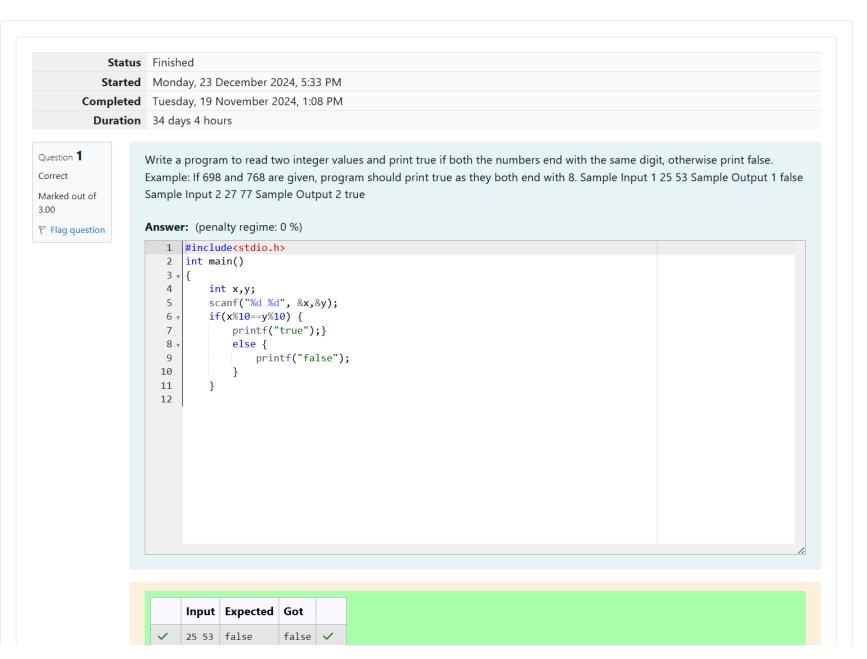
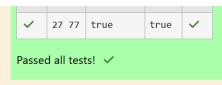
GE23131-Programming Using C-2024







Question ${f 2}$

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 \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 = 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 v int main() { 3 int n; 4 scanf("%d",&n); 5 🔻 if (n%2==0){ if (n>=2 && n<=5){ 6 🔻 7 printf ("Not Weird");} 8 * if (n>=6 && n<=20){

printf ("Weird");}

printf("Not Weird");} }

if (n>20) {

9

10 •

11

		Input	Expected	Got	
	~	3	Weird	Weird	~
	~	24	Not Weird	Not Weird	~
Pa	asse	d all test	ts! ✓		

Question **3**Correct

Marked out of 7.00

Flag question

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 v int main() {
 3
         int a,b,c;
 4
         scanf("%d%d%d",&a,&b,&c);
 5 ,
         if (a*a+b*b==c*c) {
              printf("yes"); }
 6
         else if (a*a+c*c==b*b) {
 7
 8
            printf("yes"); }
         else if(b*b+c*c==a) {
 9 ,
10
                printf("yes"); }
11 ,
         else {
              printf("no"); }
12
13
              return 0;
14 }
```

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

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

Passed all tests! 🗸

Finish review