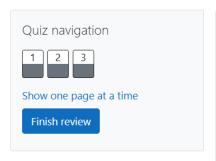
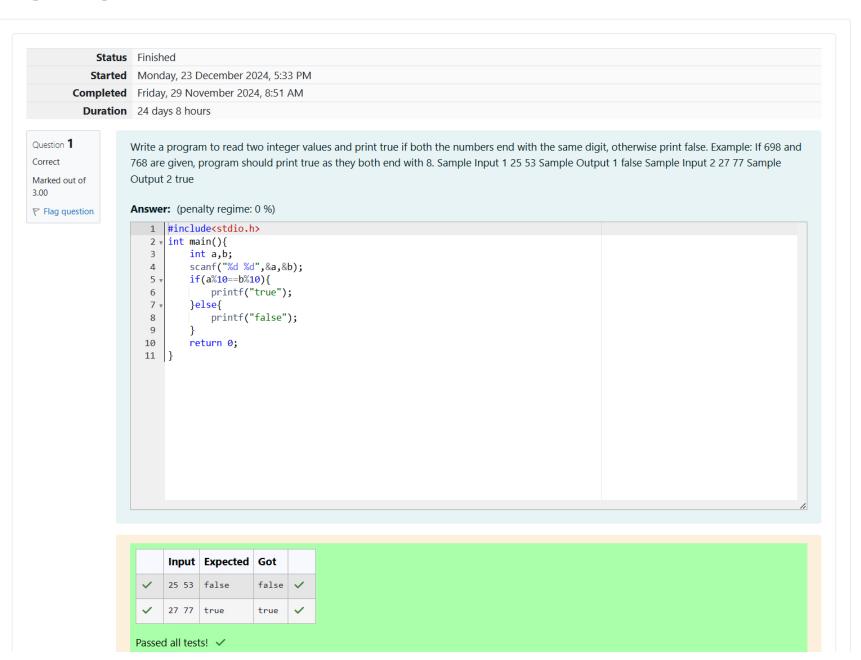
GE23131-Programming Using C-2024





Question 2

Correct

Marked out of

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;
       scanf("%d",&n);
 4
 5 ,
        if(n%2!=0){
 6
           printf("Weird");
 7 ,
        }else if((n%2==0)&&(n>=2&&n<=5)){
 8
           printf("Not Weird");
       }else if((n%2==0)&&(n>=6&&n<=20)){
 9 ,
           printf("Not Weird");
10
11 1
        }else{
           printf("Not Weird");
12
13
14 }
```

	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 %)

```
#include<stdio.h>
 2 v int main(){
 3
        int a,b,c;
        scanf("%d\n%d\n%d",&a,&b,&c);
 4
        if(a*a==(b*b)+(c*c)){}
 5 🔻
 6
            printf("yes");
 7 ,
        else if(b*b==(a*a)+(c*c)){
 8
            printf("yes");
 9 ,
        }else 1+(c*c==(a*a)+(b*b)){
10
            printf("yes");
        }else{
11 1
            printf("no");
12
13
14
        return 0;
15 }
```

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

Passad all tosts!

Finish review