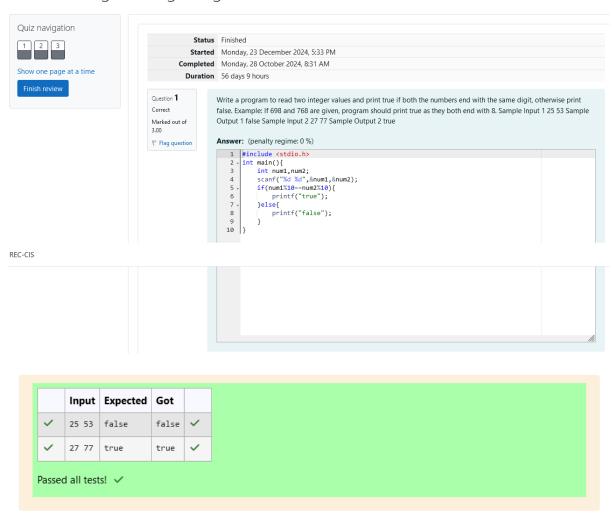
Week-03-Decision Making and Branching - if, if...else and nested if...else, if...else if and switch...case

GE23131-Programming Using C-2024



Question **2**Correct
Marked out of 5.00

P 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 ${\it n}$ is weird.

Input Format

A single line containing a positive integer, \boldsymbol{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

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**.

 $\textbf{Answer:} \ \ (\text{penalty regime: 0 \%})$

	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 %)

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

Passed all tests! 🗸