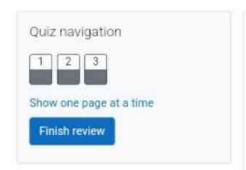
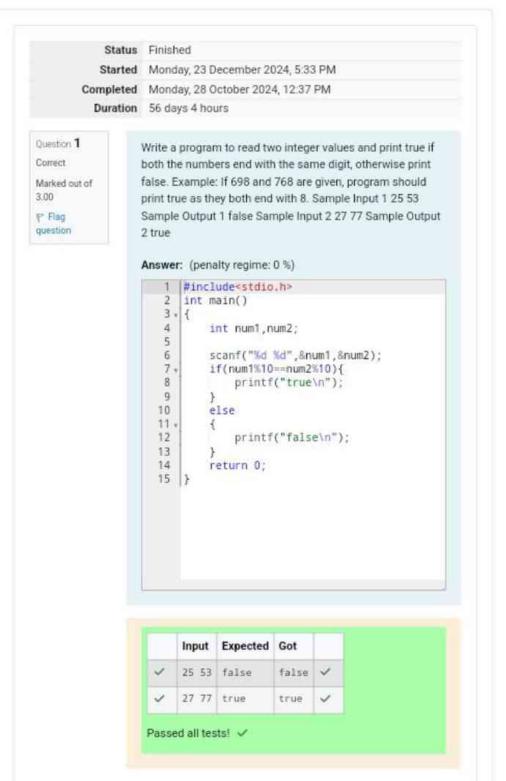
GE23131-Programming Using C-2024





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, $n_{\rm c}$ 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 \boldsymbol{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 %)

```
#include<stdio.h>
   int main()
 2
3 . {
       int n;
 4
 5
        scanf("%d",&n);
 6
7
        if(n%2!=0)
8 +
           printf("Weird\n");
9
10
       else
11
12 +
           if(n>=2 && n<= 20)
13
14 +
               printf("Not Weird\n");
15
16
           else if(n>=6 && n<=20)
17
18 +
              printf("Weird\n");
19
20
            else if(n>20)
21
22 +
               printf("Not Weird\n");
23
24
25
        return 0;
26
27 }
28
```

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

Passed all tests! 🗸

Question 3

Correct

Marked out of 7.00

F 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
    int main()
 3 . {
 4
        int a,b,c;
 5
        scanf("%d%d%d",&a,&b,&c);
 6
        if((a*a==b*b+c*c))|
 7
           (b*b==a*a+c*c)||
 8
           (c*c==a*a+b*b))
9 +
               printf("yes\n");
10
11
12
13
           else
14 .
           {
15
               printf("no\n");
16
17
           return 0:
18 }
```

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

Passed all tests! V