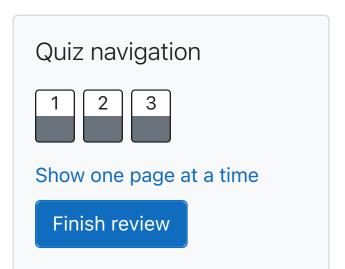
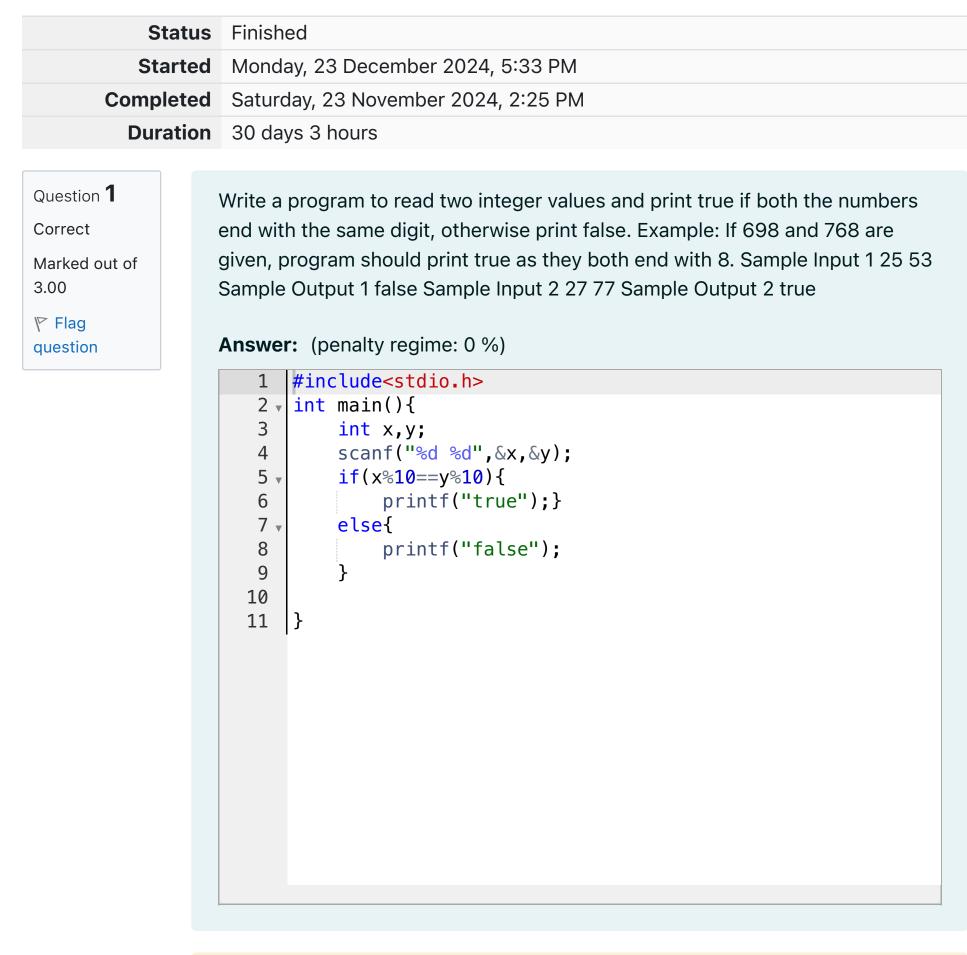
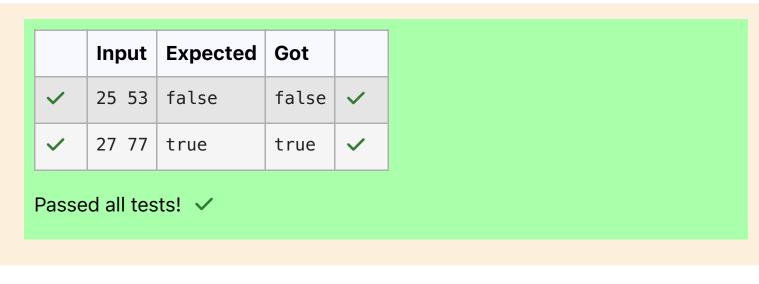
### GE23131-Programming Using C-2024







Correct

Marked out of 5.00

Flag question

Question **2** 

### 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  $\mathbf{n}$  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** 

Sample Input 1

Weird

# 24

Sample Output 1

# Explanation

Not Weird

**n** is odd and odd numbers are weird, so we print **Weird**.

Sample Case 0: **n = 3** 

Sample Case 1: n = 24n > 20 and n is even, so it isn't weird. Thus, we print **Not Weird**.

2 v int main(){

Answer: (penalty regime: 0 %)

1 | #include<stdio.h>

```
int n;
        scanf("%d",&n);
 4
 5
        if(n%2==0) {
             if (n>=2 \&\& n<=5) {
 6
 7
                 printf("Not Weird");}
             if (n > = 6 \& \& n < = 20) {
 8
                 printf("Weird");}
 9
                 if(n>20){
10
                      printf("Not Weird");} }
11
12
        else{
             printf("Weird");}
13
14
15
```

Marked out of 7.00

♥ Flag question

Question **3** 

Correct

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 %)

Three numbers form a Pythagorean triple if the sum of squares of two numbers

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

Finish review