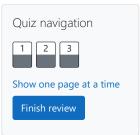
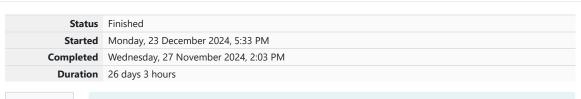
GE23131-Programming Using C-2024





Question **1**Correct
Marked out of

3.00 ▼ Flag question Write a program to read two integer values and print true if both the numbers end with the same digit, otherwise print false. Example: If 698 and 768 are given, program should print true as they both end with 8. Sample Input 1 25 53 Sample Output 1 false Sample Input 2 27 77 Sample Output 2 true

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
    int main()
3 ,
4
        int a,b,c,d;
        scanf("%d %d",&a,&b);
 5
 6
        c=a%10;
        d=b%10;
        if(c==d)
            printf("true");
10
11
12
        else
13 🔻
        {
14
            printf("false");
15
16
        return 0;
17
```

		Input	Expected	Got	
	~	25 53	false	false	~
	~	27 77	true	true	~
F	Passe	d all test	s! 🗸		

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, \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 <u><</u> n <u><</u> 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>
    int main()
 2
3 ₹
        int n;
scanf("%d",&n);
4
 5
 6
        if(n%2==0)
             if(n>1&&n<6)
 8
9 ,
                 printf("Not Weird");
10
11
             else if(n>20)
12
13 🔻
14
                 printf("Not Weird");
15
16
            }
else
17
18 🔻
                 printf("Weird");
19
20
21
             return 0;
22
23
```

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

Passed all tests! ✓

Question **3**Correct

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

Marked out of 7.00 ▼ Flag question 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 %)

```
1 #include<stdio.h>
2 int main()
3 * {
         int a,b,c;
scanf("%d %d %d",&a,&b,&c);
if((a*a)+(b*b)==(c*c))
4
 5
6
7 ,
         {
             printf("yes");
 8
9
         else if ((a*a)+(c*c)==(b*b))
10
11 ,
         {
12
             printf("yes");
13
         else if ((b*b)+(c*c)==(a*a))
14
15
             printf("yes");
16
17
         else
18
19
         {
20
             printf("no");
21
         return 0;
22
23 }
```

		Input	Expected	Got	
\	/	3 5 4	yes	yes	~
`	/	5 8 2	no	no	~

Passed all tests! ✓