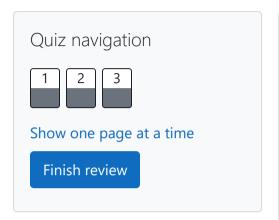
## GE23131-Programming Using C-2024

HARISH.G .D 240801105



Status	Finished		
Started	Monday, 23 December 2024, 5:33 PM		
Completed	Thursday, 7 November 2024, 8:40 AM		
Duration	46 days 8 hours		

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()

int a,b;

scanf("%d %d",&a,&b);

if (a%10==b%10)

printf("true");

else

printf("false");

return 0;

}
```

	Input	Expected	Got	
~	25 53	false	false	~
~	27 77	true	true	~

Passed all tests! <

Question **2** 

Correct

Marked out of 5.00

Flag question

## **Objective**

In this challenge, we're getting started with conditional statements.

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## Task

Given an integer,  $\mathbf{n}$ , perform the following conditional actions:

- · If  $\mathbf{n}$  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 n is weird.

A single line containing a positive integer, <b>n</b> .
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**.

**Answer:** (penalty regime: 0 %)

```
1 #include <stdio.h>
 2
    int main()
 3 ▼
        int a;
        scanf("%d",&a);
 5
        if (a%2!=0)
        printf("Weird");
        else if (a%2==0 && a>=2 && a<=5)
 8
        printf("Not Weird");
 9
        else if (a\%2==0 \&\& a>=6 \&\& a<=20)
10
        printf("Not Weird");
11
12
        else if(a%2==0 && a>=6 && a>20)
13
        printf("Not Weird");
14
        return 0;
15
```

~	3	Weird	Weird	<b>~</b>
~	24	Not Weird	Not Weird	<b>~</b>

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>
   int main()
 2
3 ▼ {
        int a,b,c;
 4
        scanf("%d %d %d",&a,&b,&c);
 5
        if(a*a + b*b == c*c \mid | b*b + c*c == a*a \mid | c*c + a*a == b*b)
        printf("yes");
 8
        else
        printf("no");
10
        return 0;
11 }
```



Finish review