







Status	Finished		
Started	Monday, 23 December 2024, 5:33 PM		
Completed	Friday, 22 November 2024, 9:32 AM		
Duration	31 days 8 hours		

#### Ouestion 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>
1
2
   int main()
3 ₹ {
       int a.b:
```

```
scant("%d %d",&a,&b);
 5
 6
         if(a\%10==b\%10)
 7 🔻
             printf("true");
 8
 9
10
         else
11 ▼
         {
             printf("false");
12
13
14
```

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

Passed all tests! <

Question  ${f 2}$ 

Correct

Marked out of 5.00

hildarrow Flag question







### Objective

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

#### Task

Given an integer, **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 *n* is weird.

## **Input Format**

A single line containing a positive integer, **n**.

## **Constraints**

# **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>
 1
2
    int main()
 3 ₹
         int n;
4
         scanf("%d",&n);
5
         if(n\%2==1)
6
7 🔻
8
             printf("Weird");
9
         else
10
         {
11 ▼
             if((n>2)&&(n>5))
12
13 *
                  printf("Not W
14
15
             else if((n>6)&&(n
16
17 ▼
             {
                  printf("Weird
18
19
             else
20
```

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

Passed all tests! <

Question  $\bf 3$ 

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



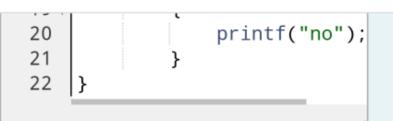




Pythagorean triple, since 3\*3 + 4\*4 = 25 = 5\*5 You are given three integers, a, b, and c. They need not be given in increasing order. If they form a Pythagorean triple, then print "yes", otherwise, print "no". Please note that the output message is in small letters. Sample Input 1 3 5 4 Sample Output 1 yes Sample Input 2 5 8 2 Sample Output 2 no

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

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



	Input	Expected	Got	
~	3 5 4	yes	yes	<b>&gt;</b>
~	5 8 2	no	no	<b>~</b>

Passed all tests! 🗸

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