

<b>Status</b>	Finished
<b>Started</b>	Thursday, 16 October 2025, 10:22 AM
<b>Completed</b>	Thursday, 16 October 2025, 10:31 AM
<b>Duration</b>	9 mins 20 secs

Question **1**

Correct

**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**

- $1 \leq n \leq 100$

**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>
2  int main () {
3      int n;
4      scanf("%d",&n);
5      if((n&1)|| (6<=n && n<=20))
6          printf("Weird");
7      else
8          printf("Not Weird");
9      return 0;
10
11 }
```



	Input	Expected	Got	
✓	3	Weird	Weird	✓
✓	24	Not Weird	Not Weird	✓

Passed all tests! ✓



Question **2**

Correct

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 %)

```
1  #include<stdio.h>
2  int main () {
3      int a, b;
4      scanf("%d %d", &a, &b);
5      if((a%10)==(b%10))
6          printf("true");
7      else
8          printf("false");
9      return 0;
10 }
```



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

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  $3^2 + 4^2 = 25 = 5^2$

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**

3  
5  
4

**Sample Output**

yes

**For example:**

Input	Result
3 5 4	yes

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

```
1  #include<stdio.h>
2  int main () {
3      int a, b, c, d, e, f;
4      scanf("%d %d %d", &a, &b, &c);
5      d=a*a;
6      e=b*b;
7      f=c*c;
8      if(((d+e)==f)||((d+f)==e)||((e+f)==d))
9          printf("yes");
10     else
11         printf("no");
12     return 0;
13 }
```



	Input	Expected	Got	
✓	3 5 4	yes	yes	✓
✓	5 8 2	no	no	✓

Passed all tests! ✓

