

<b>Status</b>	Finished
<b>Started</b>	Wednesday, 29 October 2025, 12:24 PM
<b>Completed</b>	Wednesday, 29 October 2025, 1:04 PM
<b>Duration</b>	40 mins

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



	<b>Input</b>	<b>Expected</b>	<b>Got</b>	
✓	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	yes
5	
4	

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

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

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

Passed all tests! ✓