

<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 }
```



	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  {
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! ✓

