

Status	Finished
Started	Tuesday, 4 November 2025, 12:20 AM
Completed	Tuesday, 4 November 2025, 12:55 AM
Duration	34 mins 55 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 {
4     int n;
5     scanf("%d",&n);
6     if(n % 2 != 0){
7         printf("Weird");
8     }
9     else {
10         if(n>=2 && n<= 5)
11             printf("Not Weird");
12         else if(n>=6 && n<= 20)
13             printf("Weird");
14         else
15             printf("Not Weird");
16     }
17
18     return 0;
19 }
20
```

	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;
4     scanf("%d %d %d", &a, &b, &c);
5     if((a*a + b*b == c*c) ||
6        (a*a + c*c == b*b) ||
7        (b*b + c*c == a*a)) {
8         printf("yes");
9     }else {
10         printf("no");
11     }
12     return 0;
13 }
14 }
```



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

Passed all tests! ✓

