Status	Finished
Started	Monday, 3 November 2025, 11:30 AM
Completed	Monday, 3 November 2025, 11:52 AM
Duration	22 mins 27 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 %)

```c
#include <stdio.h>
int main() {
   int n;
   scanf("%d", &n);

    if (n%2==1) {
        printf("Weird\n");
    } else {
        if (n>=2 && n<=5) {
            printf("Not Weird\n");
        } else if (n>=6 && n<=20){
            printf("Weird\n");
        } else if (n>20) {
            printf("Not Weird\n");
        }
    }
    return 0;
}
```

	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 %)

```c
#include <stdio.h>
int main () {
    int num1, num2;
    scanf("%d%d", &num1, &num2);

    if ((num1%10)==(num2%10)) {
        printf("true\n");
    } else {
        printf("false\n");
    }
    return 0;
}
```

	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*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

3
5
4

Sample Output

yes

For example:

Input	Result
3 5 4	yes

Answer: (penalty regime: 0 %)

```c
#include <stdio.h>
int main () {
    int a,b,c;
    scanf("%d%d%d", &a, &b, &c);

    int max=a;
    int x=b, y=c;

    if (b>max) {
        max=b;
        x=a;
        y=c;
    }
    if (c>max) {
        max=c;
        x=a;
        y=b;
    }

```

```
    if (max*max==x*x+y*y) {
        printf("yes\n");
    } else {
        printf("no\n");
    }
    return 0;
}
```

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

Passed all tests! ✓