Status	Finished
Started	Wednesday, 15 October 2025, 12:04 PM
Completed	Wednesday, 15 October 2025, 12:36 PM
Duration	32 mins 34 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 a;
    scanf("%d",&a);
    if(a%2!=0 ||(a>=6 && a<=20))
    {
        printf ("Weird");
    }
    else if(a>=2 && (a<=5 || a>20))
    {
        printf("Not Weird");
    }
    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 a,b,c;
    scanf("%d",&a);
    scanf("%d",&b);
    c=a-b;
    if (c%10==0)
    {
        printf("true");
    }
    else
    {
        printf("false");
    }
    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 %)

```
#include<stdio.h>
int main()
{
    int a,b,c;
    scanf("%d",&a);
    scanf("%d",&b);
    scanf("%d",&c);
    if (a>=b && a>=c)
    {
        if(a*a==b*b+c*c)
        {
            printf("yes");
        }
        else
        {
```

```
            printf("no");
        }
    }
    else if(b>=c && b>=a)
    {
        if(b*b==a*a+c*c)
        {
            printf("yes");
        }
        else
        {
            printf("no");
        }
    }
    else
    {
        if (c*c==a*a+b*b)
        {
            printf("yes");
        }
        else
        {
            printf("no");
        }
    }
    return 0;
}
```

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

Passed all tests! ✓