

<b>Status</b>	Finished
<b>Started</b>	Thursday, 30 October 2025, 6:32 PM
<b>Completed</b>	Thursday, 30 October 2025, 6:50 PM
<b>Duration</b>	17 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     int n;
4     scanf("%d",&n);
5     if(n%2==0){
6         if(n>=2 && n<=5){
7             printf("Not Weird");
8         }
9         if(n>=6 && n<=20){
10            printf("Weird");
11        }
12        if(n>20){
13            printf("Not Weird");}
14    }
15    else{
16        printf("Weird");
17    }
18 }
```



	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 x,y;
4     scanf("%d %d",&x,&y);
5     if(x%10==y%10){
6         printf("true");
7     }
8     else{
9         printf("false");
10    }
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	yes
5	
4	

**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         printf("yes");
7     }
8     else if(a*a+c*c==b*b){
9         printf("yes");
10    }
11    else if(b*b+c*c==a*a){
12        printf("yes");
13    }
14    else{
15        printf("no");
}

```

```
16 }  
17     return 0;  
18 }
```



	<b>Input</b>	<b>Expected</b>	<b>Got</b>	
✓	3 5 4	yes	yes	✓
✓	5 8 2	no	no	✓

Passed all tests! ✓

