

Status	Finished
Started	Friday, 31 October 2025, 10:34 PM
Completed	Friday, 31 October 2025, 10:48 PM
Duration	13 mins 58 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==1) printf("Weird");
6     else if(n>=2&&n<=5&&n%2==0) printf("Not Weird");
7     else if(n>=6 && n<=20&&n%2==0) printf("Weird");
8     else if(n>20&&n%2==0) printf("Not Weird");
9 }
```

	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
3 int main(){
4     int f;
5     int s;
6     scanf("%d",&f);
7     scanf("%d",&s);
8     if(f%10==s%10) printf("true");
9     else 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" 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
3 int main(){
4     int a,c,b;
5     scanf("%d",&a);
6     scanf("%d",&b);
7     scanf("%d",&c);
8     a=a*a;
9     b=b*b;
10    c=c*c;
11    if(a+b==c) printf("yes");
12    else if(a+c==b) printf("yes");
13    else if(b+c==a) printf("yes");
14    else printf("no");
15    return 0;
16 }
```

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

Passed all tests! ✓