

Status	Finished
Started	Thursday, 30 October 2025, 6:32 PM
Completed	Thursday, 30 October 2025, 6:50 PM
Duration	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 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          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 | }
```



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

Passed all tests! ✓

