

Status	Finished
Started	Tuesday, 14 October 2025, 12:16 PM
Completed	Tuesday, 14 October 2025, 12:38 PM
Duration	22 mins 9 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
3  int main ()
4  {
5      int n;
6      scanf("%d",&n);
7      if(n%2!=0 || (n>=6&&n<=20))
8      {
9          printf("Weird");
10     }
11     else
12     {
13         printf("Not Weird");
14     }
15
16     return 0;
17 }
```



	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  {
5      int a,b;
6      scanf("%d",&a);
7      scanf("%d",&b);
8
9      if(a%10==b%10)
10     {
11         printf("true");
12     }
13     else
14     {
15         printf("false");
16     }
17     return 0;
18 }
```



	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
3  int main ()
4  {
5      int a,b,c;
6      scanf("%d",&a);
7      scanf("%d",&b);
8      scanf("%d",&c);
9      if(a>=b&&a>=c)
10     {
11         if(a*a==b*b+c*c)
12         {
13             printf("yes");
14         }
15         else
```

```

16  {
17      printf("no");
18  }
19  }
20  else if(b>=a&&b>=c)
21  {
22      if(b*b==a*a+c*c)
23      {
24          printf("yes");
25      }
26      else
27      {
28          printf("no");
29      }
30  }
31  else
32  {
33      if(c*c==a*a+b*b)
34      {
35          printf("yes");
36      }
37      else
38      {
39          printf("no");
40      }
41  }
42  return 0;
43
44  }

```



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

Passed all tests! ✓

