

Status	Finished
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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){
6         printf("Weird");
7     }
8     else if((n>=2)&&(n<=5)){
9         printf("Not Weird");
10    }
11    else if((n>=6)&&(n<=20)){
12        printf("Weird");
13    }
14    else{
15        printf("Not Weird");
16    }
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 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    return 0;
12 }
```

	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,x,y,z;
4     scanf("%d",&a);
5     scanf("%d",&b);
6     scanf("%d",&c);
7     if(a>b && a>c){
8         x=b;
9         y=c;
10        z=a;
11    }
12    else if(b>c && b>a){
13        x=a;
14        y=c;
15        z=b;

```

```
16 }  
17 else{  
18     x=a;  
19     y=b;  
20     z=c;  
21 }  
22 if((x*x+y*y)==(z*z)){  
23     printf("yes");  
24 }  
25 else{  
26     printf("no");  
27 }  
28 return 0;  
29 }
```



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

Passed all tests! ✓

