Week 3-1

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Status	Finished
Started	Monday, 23 December 2024, 5:33 PM
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Duration	44 days 3 hours

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

```
#include <stdio.h>
   int main()
3 ₹ {
    int num1,num2;
5 scanf ("%d %d",&num1,&num2);
6 int lastdigit1=num1%10;
7
    int lastdigit2=num2%10;
8 * if(lastdigit1==lastdigit2){
9
           printf("true\n");
10
11
      else{printf("false\n");
12
       }return 0;
13
```

✓ 25 53 false false ✓
✓ 27 77 true true ✓

Objective

In this challenge, we're getting started with conditional statements.

Task

Given an integer, \mathbf{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

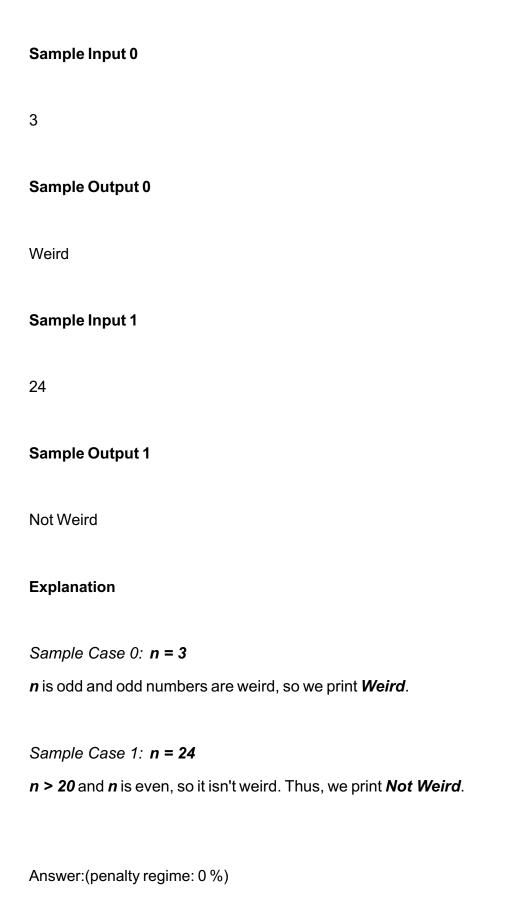
A single line containing a positive integer, **n**.

Constraints

· 1≤n≤100

Output Format

Print Weird if the number is weird; otherwise, print Not Weird.



```
1 #include <stdio.h>
 2
   int main()
3 ₹ {
4
       int n;
      scanf("%d",&n);
5
     if(n%2!=0){
6 ▼
7
           printf("Weird\n");
8 v }else{
9 v if (n>=2&&n<=5){
          printf("Not Weird\n");
10
11 🔻
       }else if (n>=6&&n<=20){</pre>
12
          printf("weird\n");
13 v }else if(n>20){
       printf("Not Weird\n");}}
14
       return 0;
15
16 }
```

	Input	Expected	Got	
~	3	Weird	Weird	~
~	24	Not Weird	Not Weird	~

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*3 + 4*4 = 25 = 5*5 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 $1 \ 3 \ 5 \ 4$ Sample Output $1 \ yes$ Sample Input $2 \ 5 \ 8 \ 2$ Sample Output $2 \ no$

Answer:(penalty regime: 0 %)

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

Passed all tests! ✓