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rudhran\_b\_2020\_1 ▾

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# PL-2022-C-Intro to Conditional Statements

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## 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

- $1 < n < 100$

## Output Format

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

## Sample Input 0

```
3
```

## Sample Output 0

```
Weird
```

## Explanation 0

$n = 3$   $n$  is odd and odd numbers are weird, so we print Weird.

## Sample Input 1

```
24
```

## Sample Output 1

Not Weird

## Explanation 1

$n = 24$   $n > 20$  and  $n$  is even, so it isn't weird. Thus, we print Not Weird.

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Submissions: 798

Max Score: 100

Difficulty: Medium

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☆☆☆☆☆

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C

```
1 #include <stdio.h>
2 #include <string.h>
3 #include <math.h>
4 #include <stdlib.h>
5
6 int main() {
7
8     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
9     int n;
10    scanf("%d",&n);
11    if(n%2!=0){
12        printf("Weird");
13    }
14    else if(n>=2&&n<=5){
15        printf("Not Weird");
16    }
17    else if(n>=6&&n<=20){
18        printf("Weird");
19    }
20    else if(n>20){
21        printf("Not Weird");
22    }
23    return 0;
24 }
25
```

Line: 1 Col: 1

[Upload Code as File](#)☐ Test against custom input

Run Code

Submit Code