21-01-2024\_qno\_1\_ifelse.py'Task

Given an integer, , perform the following conditional actions:

If is odd, print Weird

If is even and in the inclusive range of to , print Not Weird

If is even and in the inclusive range of to , print Weird

If is even and greater than , print Not Weird

Input Format

A single line containing a positive integer, .

Constraints

Output Format

Print Weird if the number is weird. Otherwise, print Not Weird.

Sample Input 0

3

Sample Output 0

Weird

Explanation 0

is odd and odd numbers are weird, so print Weird.

Sample Input 1

24

Sample Output 1

Not Weird'''

#logic number 1 using modulus operator

if \_\_name\_\_ == '\_\_main\_\_':

n = int(input().strip())

if n%2!=0:

print("Weird")

elif n%2==0 and 2 <= n <=5:

print("Not Weird")

elif n%2==0 and 6 <= n <=20:

print("Weird")

elif n%2==0 and 20 <= n:

print("Not Weird")

#logic number 2 using bitwise operator

if \_\_name\_\_ == '\_\_main\_\_':

n = int(input().strip())

if n&1==1:

print("Weird")

elif n&1==0 and 2 <= n <=5:

print("Not Weird")

elif n&1==0 and 6 <= n <=20:

print("Weird")

elif n&1==0 and 20 <= n:

print("Not Weird")