

**2.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**

**CODE:**

```
#!/bin/python3

import math

import os

import random

import re

import sys

if __name__ == '__main__':
    n = int(input().strip())
    if n % 2 != 0:
        print("Weird")
    else:
        if 2 <= n <= 5:
            print("Not Weird")
        elif 6 <= n <= 20:
            print("Weird")
        else:
            print("Not Weird")
```

**OUTPUT:**

case1:input = 3 , output = Weird

case2:input = 24 ,output = Not Weird