Q.1

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`

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

Code:

```python
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 n>=2 and n<=5:
            print ("Not Weird")
        elif n>=6 and n<=20:
            print ("Weird")
        elif n>20:
            print ("Not Weird")
```

Q.2

Task

The provided code stub reads two integers from STDIN, a and b. Add code to print three lines where:

1. The first line contains the sum of the two numbers.
2. The second line contains the difference of the two numbers (first - second).
3. The third line contains the product of the two numbers.

Example

$a = 3$

$b = 5$

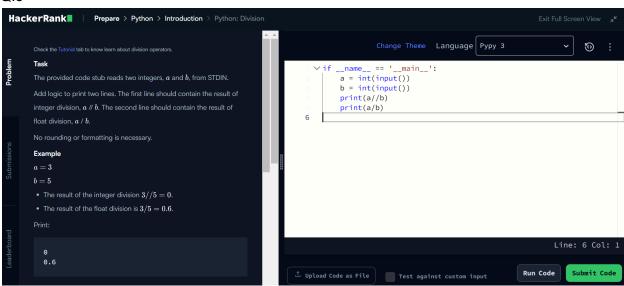Print the following:

```
8
-2
15
```

Input Format

The first line contains the first integer, a.

```python
if __name__ == '__main__':
    a = int(input())
    b = int(input())
    print(a+b)
    print(a-b)
    print(a*b)
```

Q.3

Check the Tutorial tab to know learn about division operators.

Task

The provided code stub reads two integers, a and b, from STDIN.

Add logic to print two lines. The first line should contain the result of integer division, a // b. The second line should contain the result of float division, a / b.

No rounding or formatting is necessary.

Example

$a = 3$

$b = 5$

- The result of the integer division $3//5 = 0$.
- The result of the float division is $3/5 = 0.6$.

Print:

```
0
0.6
```

```python
if __name__ == '__main__':
    a = int(input())
    b = int(input())
    print(a//b)
    print(a/b)
```

Code:

```python
if __name__ == '__main__':
    a = int(input())
    b = int(input())
    print(a//b)
    print(a/b)
```