**Q.1 You are asked to ensure that the first and last names of people begin with a capital letter in their passports. For example, alison heck should be capitalised correctly as Alison Heck.**

**Given a full name, your task is to *capitalize* the name appropriately.**

**Input Format**

**A single line of input containing the full name, .**

**Constraints**

* **0<lens<1000**
* **The string consists of alphanumeric characters and spaces.**

**Note: in a word only the first character is capitalized. Example 12abc when capitalized remains 12abc.**

**Ans:**

def solve(s):

    list1=s.split() #splits the input string  into a list of words

        for i in list1: # forloop used to iterate through each word or i in the list

        s = s.replace(i,i.capitalize()) #replace each word of string  with its capitalized  version

    return s # capitalized s  is returned as the output.

**Q.2 The included code stub will read an integer, , from STDIN.**

**Without using any string methods, try to print the following:**

**Note that "" represents the consecutive values in between.**

**Example**

**Print the string .**

**Input Format**

**The first line contains an integer .**

**Constraints**

**Output Format**

**Print the list of integers from  through  as a string, without spaces.**

**Ans:**

n = int(input()) #input to enter the number

    for i in range(1,n+1): #for loop to iterate from range start 1 to n+1 stop

        print(i,end='') #print the output

**Q.3 Here is a sample line of code that can be executed in Python:**

**print("Hello, World!")**

**You can just as easily store a string as a variable and then print it to stdout:**

**my\_string = "Hello, World!"**

**print(my\_string)**

**The above code will print Hello, World! on your screen. Try it yourself in the editor below!**

**Ans:**

print("Hello, World!") #print the string

**Q.4 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**

* **1<=n<=100**

**Output Format**

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

**Ans:**

    n = int(input().strip()) #input the value

    if n%2!=0 or n>=6 and n<=20: #condition to check the value

        print("Weird")   #print if condition is satisfied

    else:

        print("Not Weird") #print when if condition is not satisfied

**Q.5 The provided code stub reads two integers from STDIN,  and . 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.**

**Ans:**

  a = int(input()) #input the value of a

    b = int(input()) #input the value of b

    add = a+b #add a and b

    print(add) #print the output of add

    subtract = a-b #subtract a and b

    print(subtract) #print the output of subtract

    multiply = a\*b #multiply a and b

    print(multiply) #print the output of multiply

**Q.6 The provided code stub reads two integers,  and , from STDIN.**

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

**No rounding or formatting is necessary.**

**Ans:**

    a = int(input()) #input the value of a

    b = int(input()) #input the value of b

    int\_div=a//b #integer division of a and b

    print(int\_div) #print integer division of a and b

    float\_div=a/b #float division of a and b

    print(float\_div) # print float division of a and b