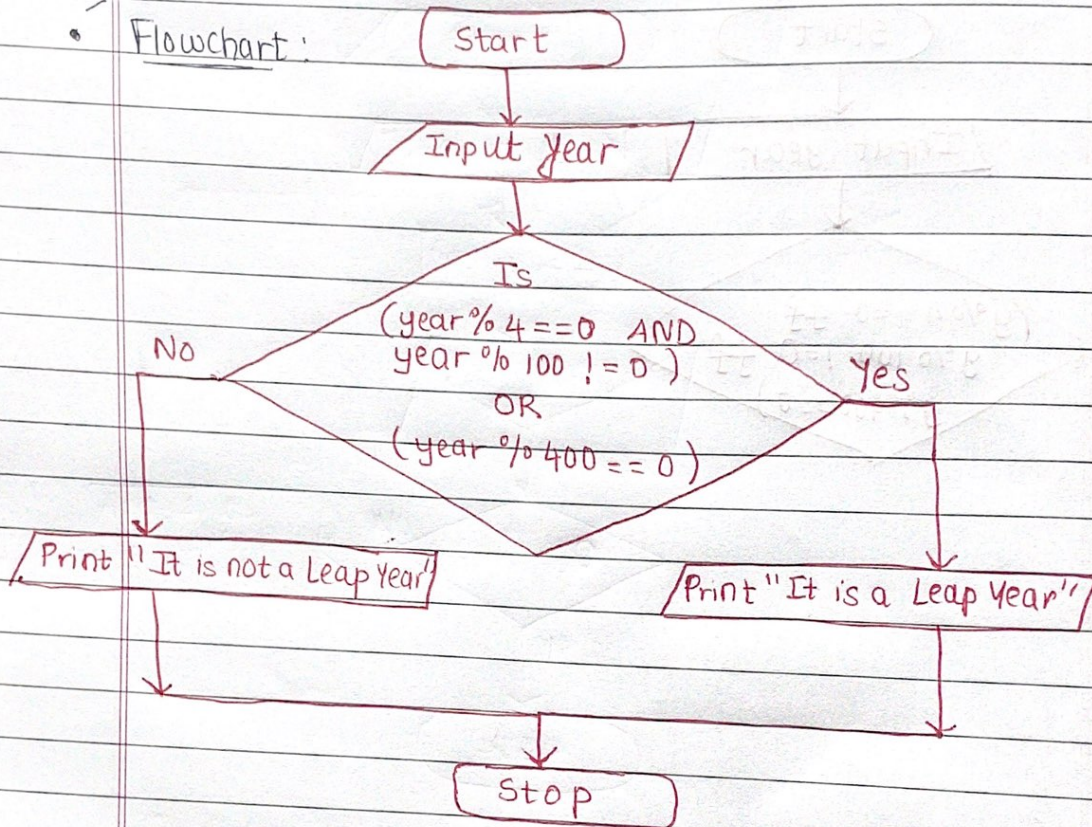


## Flowcharts & Pseudocodes

Date \_\_\_\_\_  
Page \_\_\_\_\_

Q1. Input a year & find whether it is a Leap Year or not:

• Flowchart:



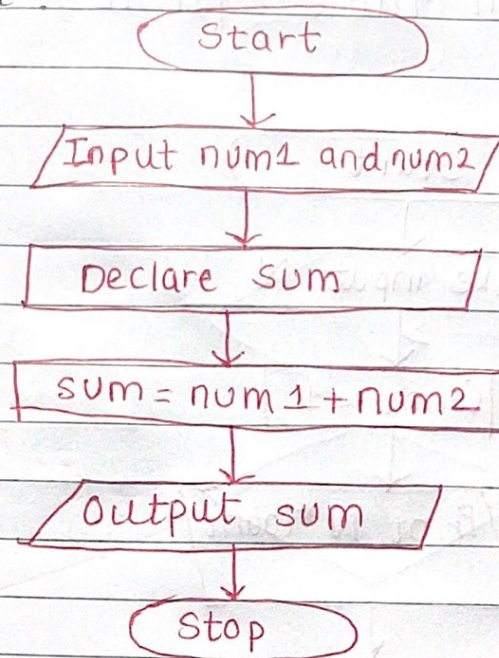
• Pseudocode:

1. Start
2. Take input year
3. Check if year is divisible by 4 but not 100:  
    Print "Leap Year"
4. Check if year is divisible by 400:  
    Print "Leap Year"
5. Otherwise;  
    Print "Not a Leap Year"
6. Stop



Q2 Take two numbers and print the sum of both:

• Flowchart:



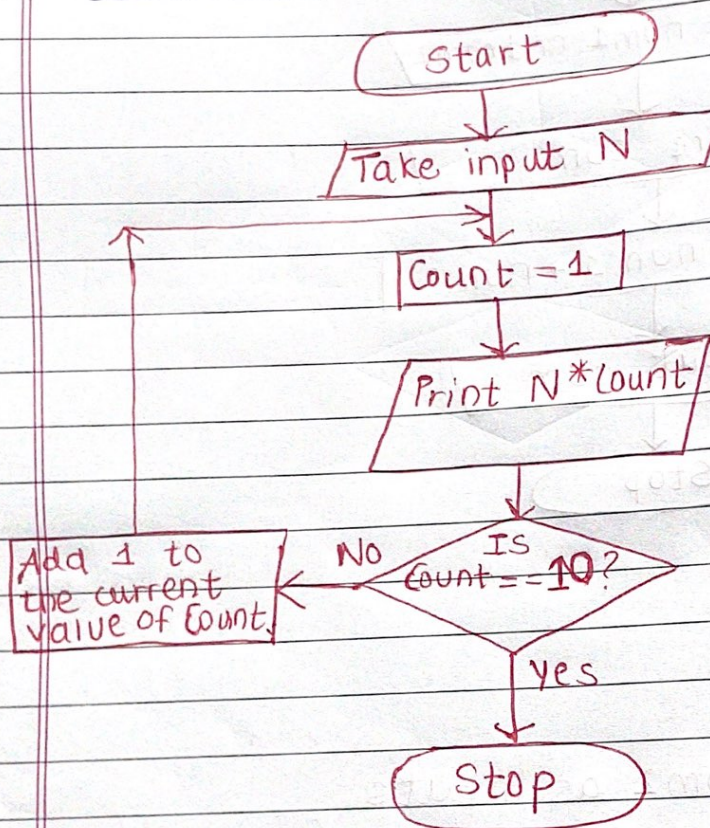
• Pseudocode:

1. Start
2. Take num1, num2 as inputs
3. Declare variable, sum.
4. Add num1 & num2 & assign it to the variable sum.
5. Display sum
6. Stop.



Q3. Take a number as input and print the multiplication table for it:

→ • Flowchart:



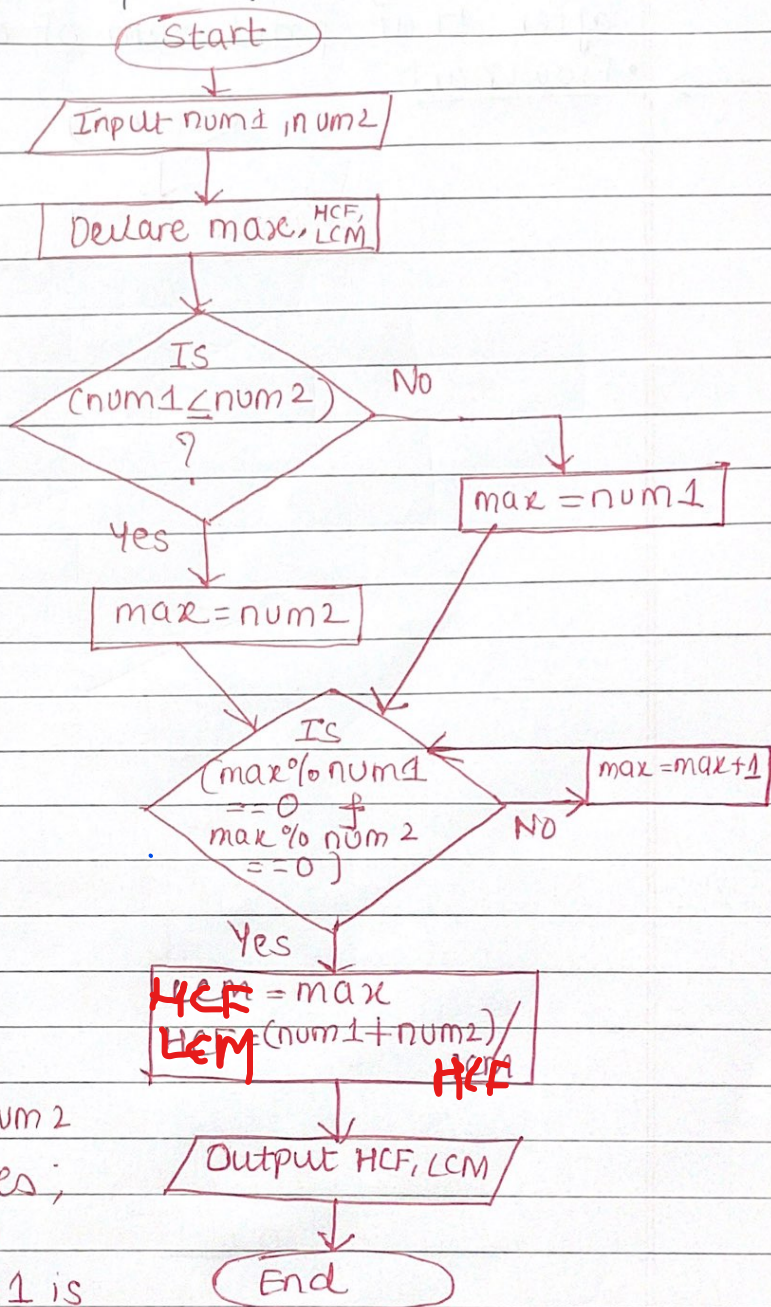
• Pseudocode:

1. Start
2. Take input N
3. Count = 1
4. Print input N into Count
5. Check if Count is equal to 10 :
  - IF yes,  
Stop
  - Else  
Add 1 to the value of count.



Q4. Take 2 numbers as inputs & find its HCF & LCM.

• Flowchart :



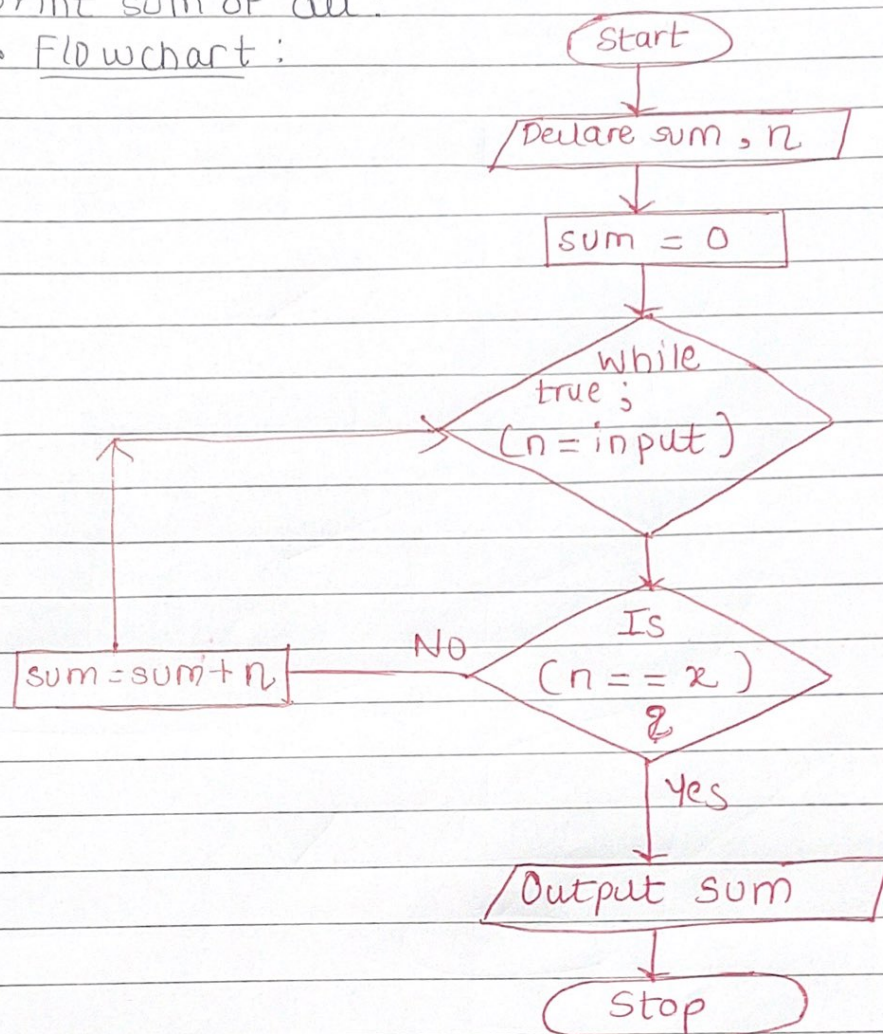
• Pseudocode :

1. Start
2. Input num1, num2
3. Declare variables;  
max, HCF, LCM
4. Check if num1 is  
small than num2;  
If yes, num2 is max  
If no, num1 is max
5. Check if max divided by num1 & num2 gives  
remainder as zero or not:  
If yes, ~~HCF~~ = max  
~~LCM~~ = (num1 + num2) / ~~HCF~~  
Display output  
Else, add 1 to current value of max



Q5 Keep ~~pr~~ taking inputs till user enters 'x'; after that print sum of all:

• Flowchart:



• Pseudocode:

1. Start
2. Declare sum, n
3. sum = 0
4. While true/1 :  
    n = input
5. Check if n is equal to x:  
    If yes, Output sum  
    Stop

• If no,

add n to current sum