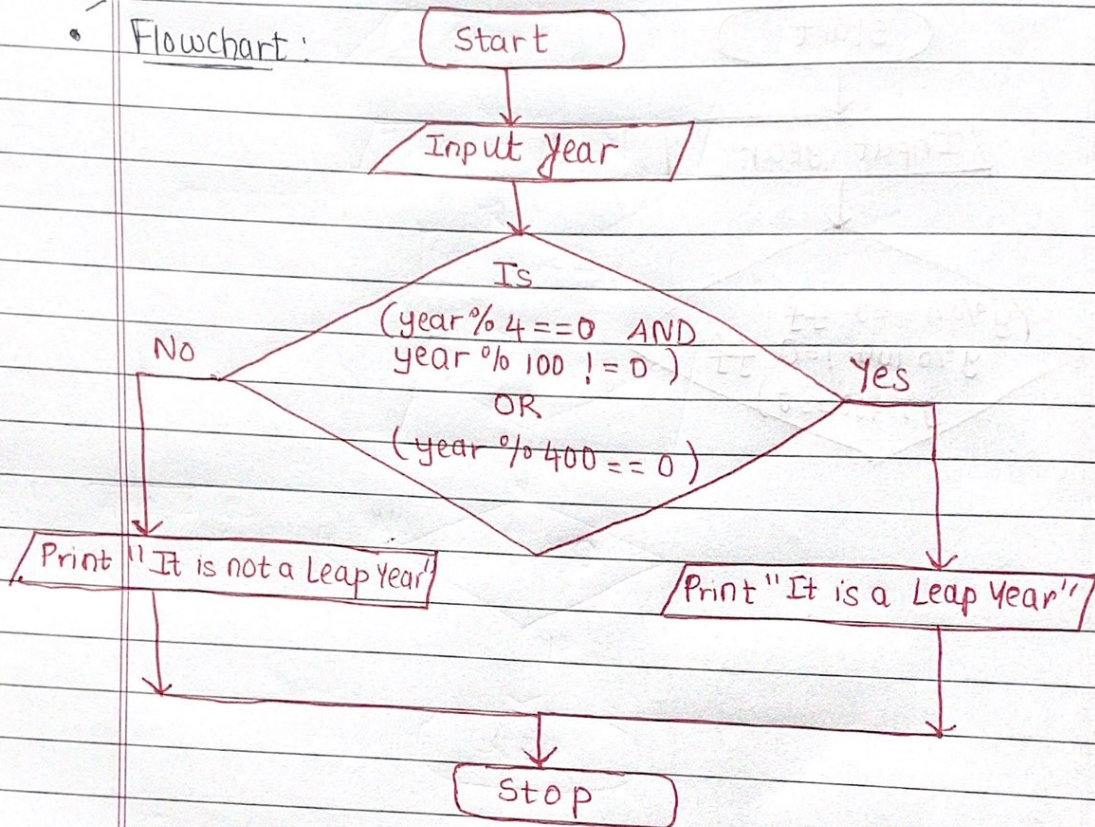


Flowcharts & Pseudocodes

Date _____
Page _____

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

• Flowchart:

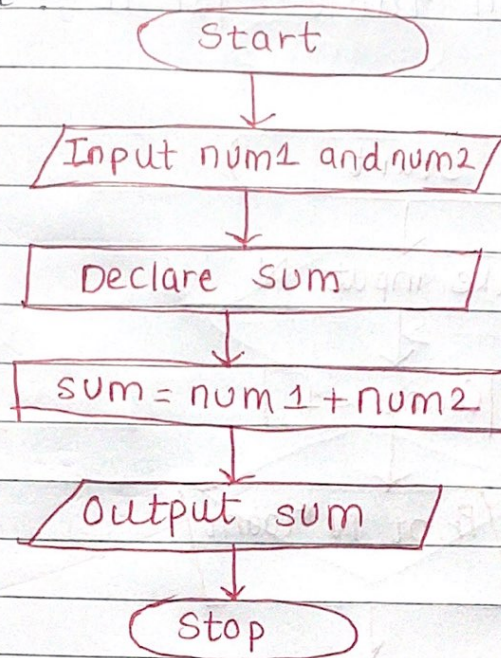


• Pseudocode:

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:

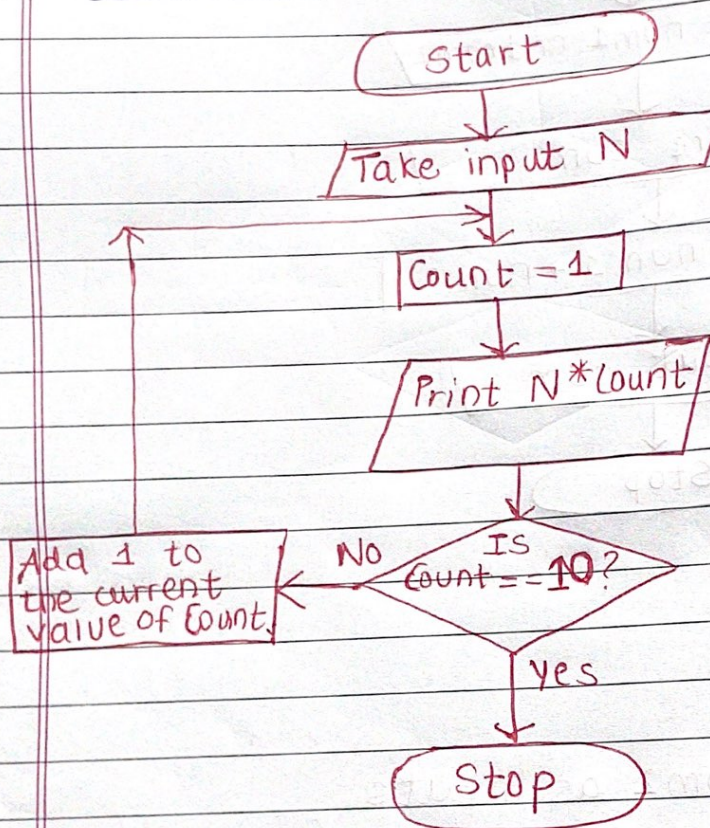


• Pseudocode:

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:

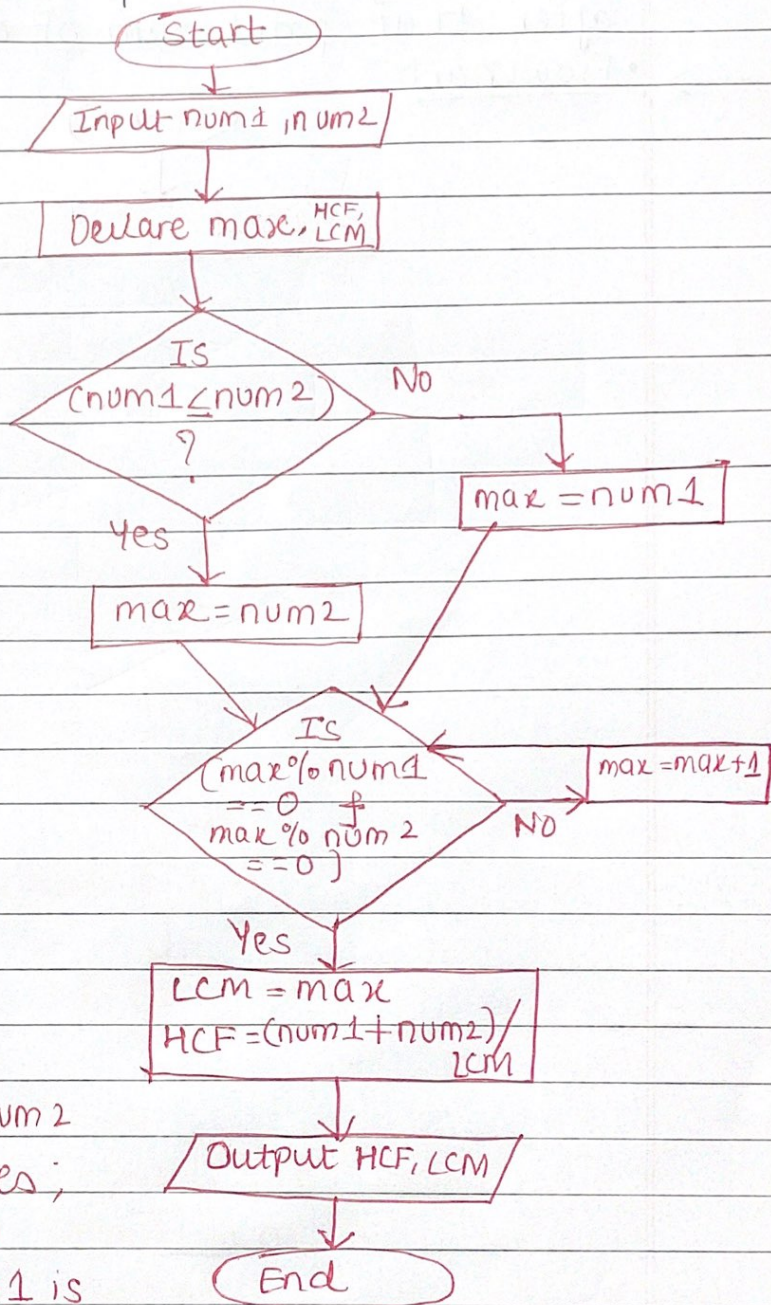


• Pseudocode:

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 :

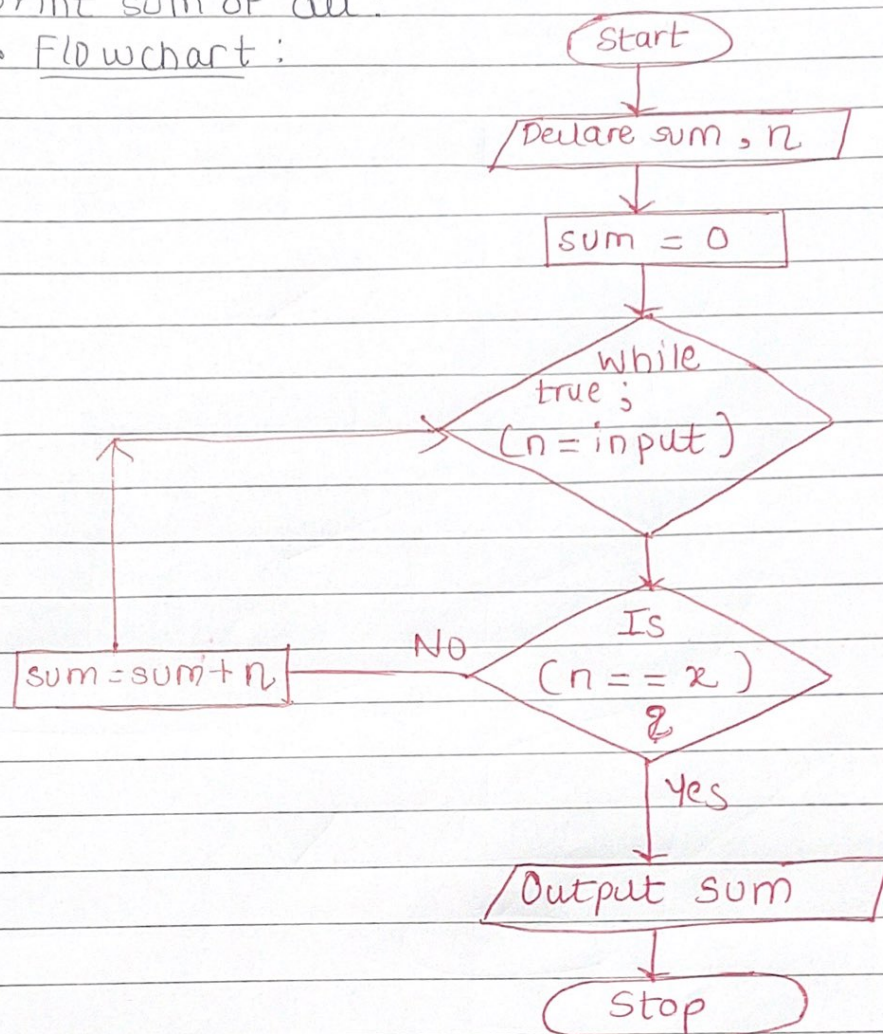


• Pseudocode :

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, LCM = max
HCF = (num1 + num2) / LCM
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