Date: 24/10/24

Calculate Area and Perimeter

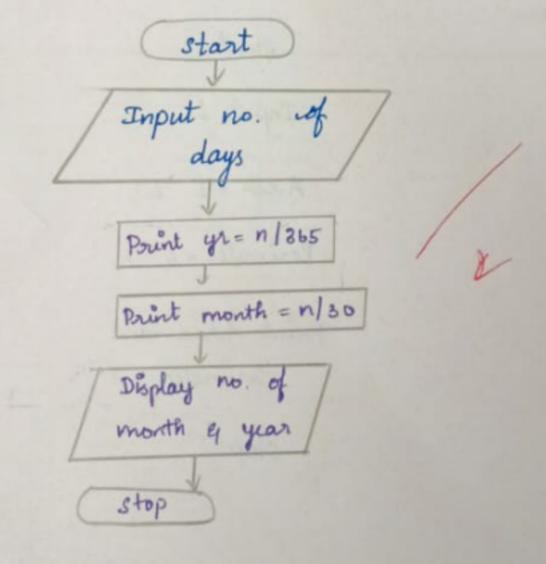
Write an Algorithm and draw a Flowchart to Calculate the area and perimeter of a square.

Algorithm:

Days to Year Conversion

Write an Algorithm and draw a Flowchart to convert the given days into years & months.

Algorithm:



Date: 24/10/2024

Prime Number

Write an Algorithm and draw a Flowchart to check whether the given number is Prime or not.

Algorithm:

start Step1:

step2: Read n

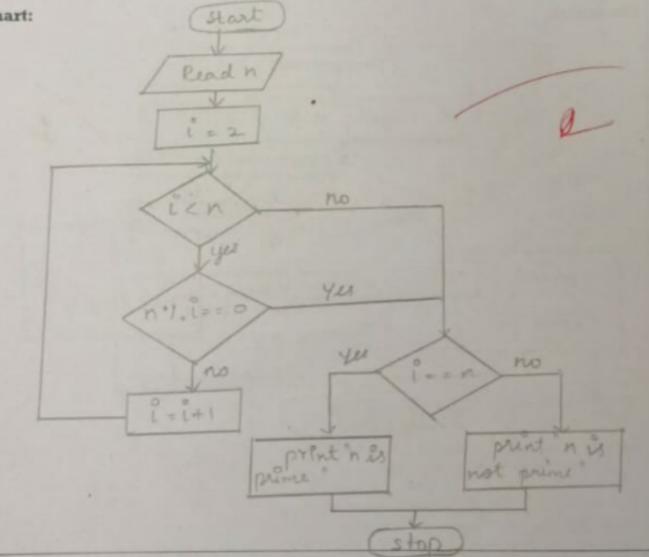
step3: set f= 1

Step 5: For i=2 to n-1

step6: if no1. i == 0, set f=1 elu go to step5

: if f == 1, print "n is not prime number" else print "n is prime number "

Stop Step 8



Ex. No.:

Date: 24/10/24

Leap Year

Write an Algorithm and draw a Flowchart to check whether the given year is Leap year or not.

Algorithm:

step 1 : start

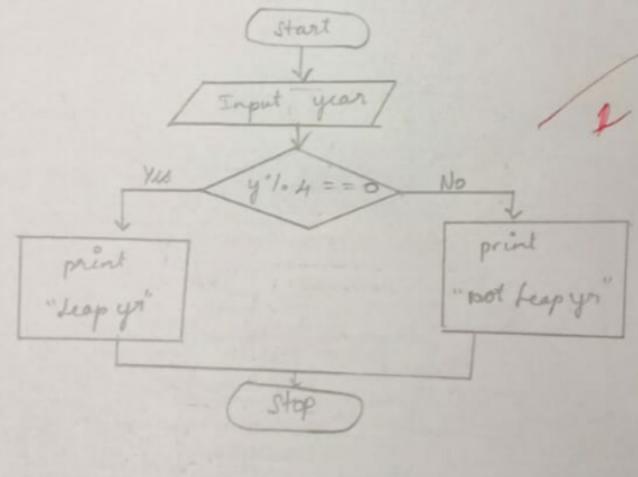
Step 2 : Input year

step3 : rem = year 1.4

otep4 : if (rem == 0), print "Leap year" ortherwise

print finot leap year"

steps : stop



Ex. No.: # Y

Date: 24/10/2024

Palindrome Number

Write an Algorithm and draw a Flowchart to check whether the given number is palindrome number or not.

Algorithm:

step! : start

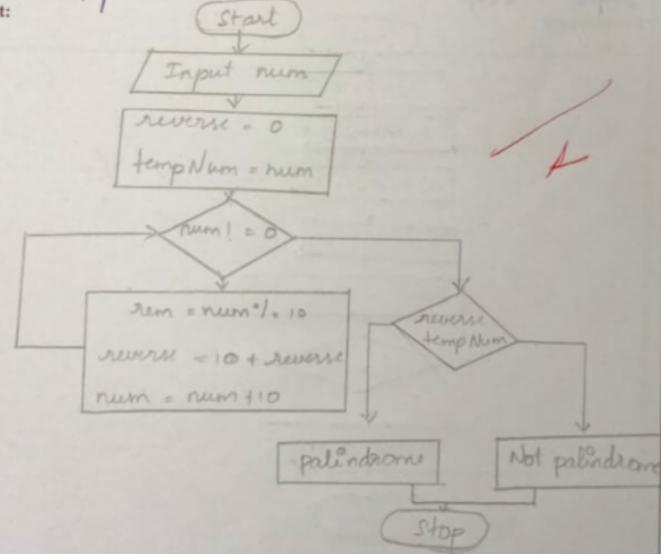
step2: Inped number

step 3 : declare the variable, reverse exassign input to a temp raniable & temp num = num

step 4 : start the while doop until num 1 = 0 become

Step 5 : check if reverse = teemp num

step6 : If it is true then its palindrome else



Ex. No.: 4 VI

Date: 24/10/2024

Sum of Digits

Write an Algorithm and draw a Flowchart to calculate the sum of digits in the given number.

Algorithm:

step 1 : start

Step 2 : Read input as x

Step 3 : Declare ex initialize the variable sum ex assign input as o

Step 4 : using formula: * R= x2/10, x = x1/10

step 5 + Add both variable with & variable

step 6: using the if loop assign as as o

step 7: print the sum

Step8 : Stop

Read X

Sum = 0

R = x /10

Sum - Sum + P

if x = 0

print sum