Calculate Area and Perimeter

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

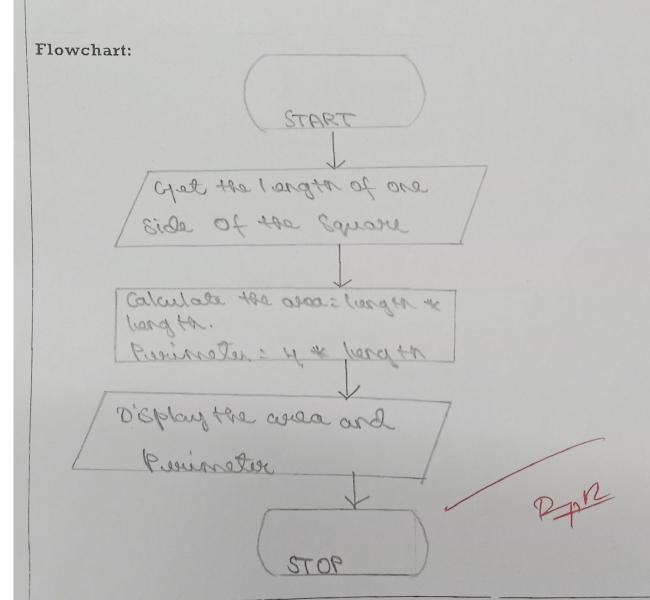
Algorithm:

Step 4: Start the largter of one saide of the Equare
Step 3: Calculate the order: largter * largter

Perineter: 4 * largter

Step 4: Display the area and previouster

Step 5: 5 top the program

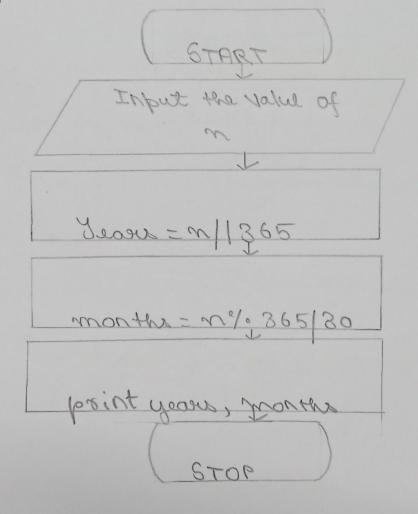


Days to Year Conversion

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

Algorithm:

Flowchart:



Prime Number

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

Algorithm:

2 thp T; Stong the breakeou

8top 2'. Cel the value of for the number to check

8 kb 8; clock if u>1

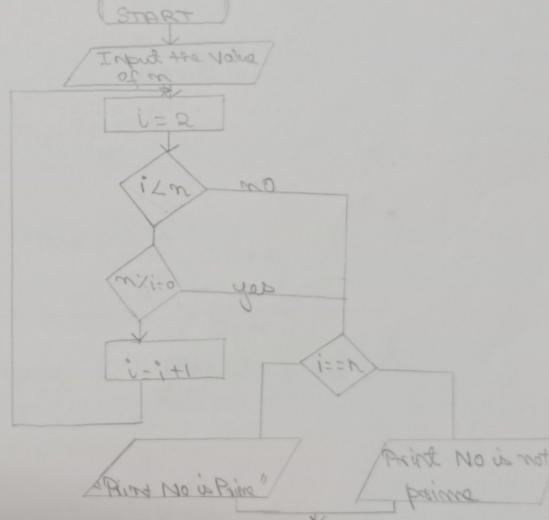
Step 4; Iterals the bob i) treou of to unupour

ton à radrum est curt fio: i. V. n ji shour : 2 day 8

8760; It u.l. ; + or ter unipar is because

8th +1: 8top the preogram.

Flowchart:



ton a ON tring

(STOP

Leap Year

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

Algorithm:

Step 5: Stop the program.

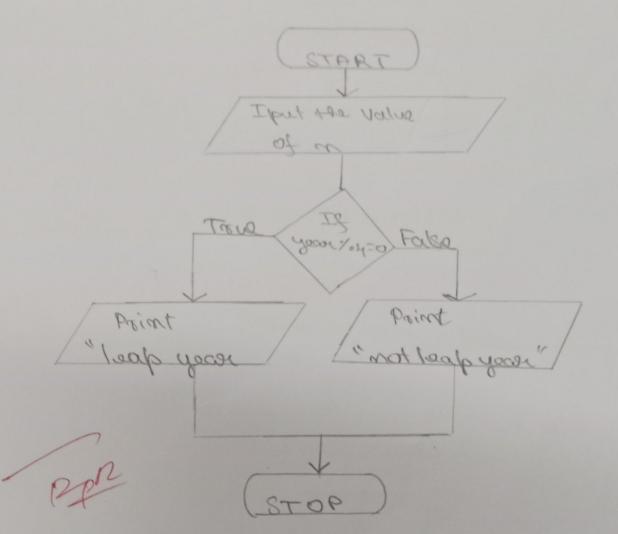
Step 5: Check if ny. H=0 and ny. 100 1=0 (e) m1. Hooco

Step 8: Check if ny. H=0 and ny. 100 1=0 (e) m1. Hooco

Step 8: The sale year of the year to check

Step 6: Stop the program.

Flowchart:



Palindrome Number

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

Algorithm:

Stabot; Etant the besodraw

Step 2: Read on

Step 3! Initialise temp = n

Step4; a= m.1.10 is a 100 b which charge it u>0

State 2; LON = long of 10 for

8 pebp; w= u 10

stept: If creso) then go to step 4 to 6 also go to steps.

Eté pe: If Cheud=ears) toon beint "balingrous no alsa

Etaba; Etab for busham.

Flowchart:

TABTS toub =0 O < n olina

a= mo/010 toub = toub x 10+0 w=w110

if toub == is

90TB

(print (palindrane)

Falso

rant the mundow is not a palindrane

Sum of Digits

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

Algorithm:

Step I: Stant the brodlean

Step a! Read n

8 tep 8 ! Intialise Sum =0
8 tep 4 ! runaindur = m 1.10
8 to 5 mm = m 1.10
8 to 6 to 6 (m > 0) for 8 to p & 4 estep 6

8 to be; fairy sin

Step 4: 8 top the budgeon.

Flowchart:

