Date: 26/9/24

Calculate Area and Perimeter

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

Algorithm:

STEPI:- stant

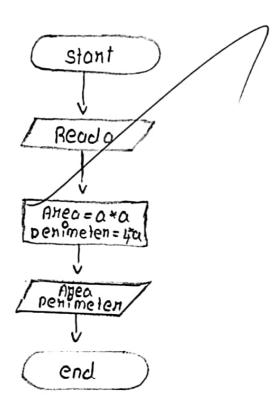
STEP2: Read a

STEp3: Анса = a * a, penimeten = 4 та

STEP4: print "Area + perimeter"

STEPS: Stop

Flowchart:



Date: 26/09/24

Days to Year Conversion

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

Algorithm:

STEPI: Stant

STEP2: Input no of days

STEP3: calculate the no of years years = days 11365

STEP4: Calculate the memaining days after calculating

STEP4: Calculate the memaining days = days % 365
STEP5: calculate the memaining days

months = nemaining days /30

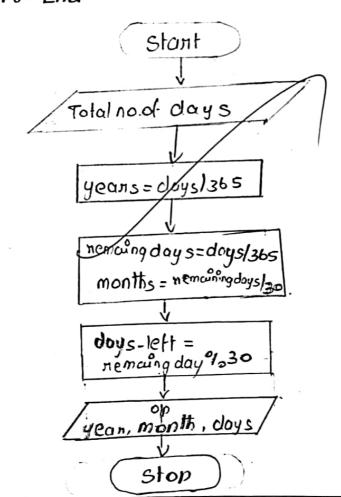
STEPS: colculate the nemaining days aften calculating

months days_left = nemaining -days 1.30

STEPT: output the years, months, days left

STEP8: End

Flowchart:



Prime Number

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

Algorithm:

STEPI: Stant

STEP2: Readn

STEP3: Set [=1

STEP4: "f n==, then print ("n's not a prime number")

90 to step 8

STEP5: fon 1= 2 to n-1

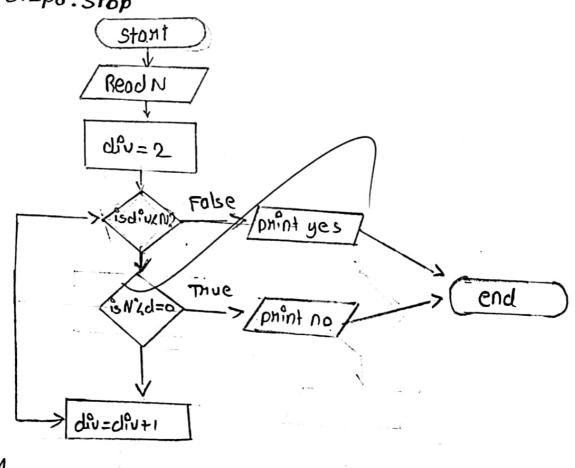
STEP6: If n'61 == 0 Then set f=12 bneak

else go to step 5

STEPT: If f==1 then print ("n's not a prime number")

phint ("n's a phime number")

Flowchart: STEP8: Stop



26/1/21

Date: 28/09/2024

Leap Year

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

Algorithm:

STEPI: Stant

STEp2: Read year Hem

Sтерз: лет z уеат%400

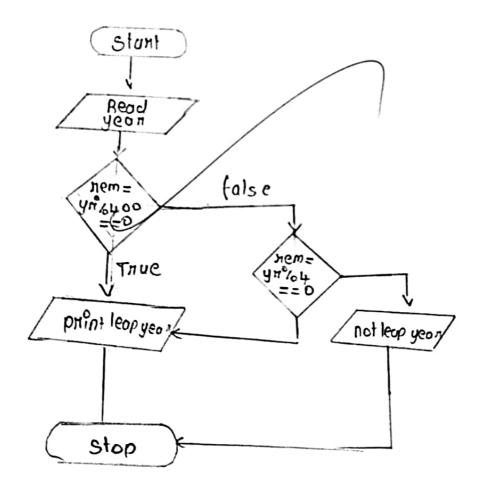
STEPH: if nem == 0 print ("Leap year)

STEP5: "Frem = year%4 == o print ("Leap year)

STEP6: else print ("Not a leap year)

STEP7: End

Flowchart:



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