Calculate Area and Perimeter

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

Algorithm:

THE

Ex. No.: 7

Date: 18 10 24

Days to Year Conversion

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

Algorithm:

9

Stop 1: - Start

Step 2: Input the given days
Step 3: Conversion of days to years
no of days 1365
Step 4: Conversion of days to months
no of days 30
Step 5:- Display years and months

8kp 6: - Stop

Flowchart:

pays = 385 year = 1,0 month, 20 Months = 12, 200lay

Prime Number

Write an Algorithm and draw a Flowchart to check whether the given number is Prime

Algorithm:

Step 1: - Start

Step 2: - Road Value of n Step 3: Set 8=1

slep4: - If n=1, then

n is not a prime number

Step 5:- For i=2 to n-1

step 6: if n 1. i = = 0 then

Flowchart:

TO

TIE

TIP

set \$=1 and break

else goto skep 5

skp 7:- if \$==1 then

Point "n is not a prime number"

Pourt is a prime number "

Step 8: Stop.

Flowchart :-Start

Enter number: 3 Disa puine number

print nus prame

pount nuis not prame

Stop

Ex. No.: #

Date: 18/10/24

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 !- Read Years

Step 3: - If the Year duisible by 4, men it's a year year.

Step 4: - viem = year % 4

Steps: if nem == 0 then wint "leap year" else, print "not leap year"

SKP6 :- Stop

Flowchart:

an an

(year % 4 = = 0) Prant 'leap Year " STOP Enteryear: 2022 A is not a leap year

Flowckart:

To

TO

Car

Date: 18/10/24

nois not a

Palindrome

Palindrome Number

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

Step 1: - Start Algorithm:

Step 2 :- Read n

Skp3:- Declare temp=n , nev=0

Skp4: - nem = 1 %010

Steps: - nev = nev * 10 + nem

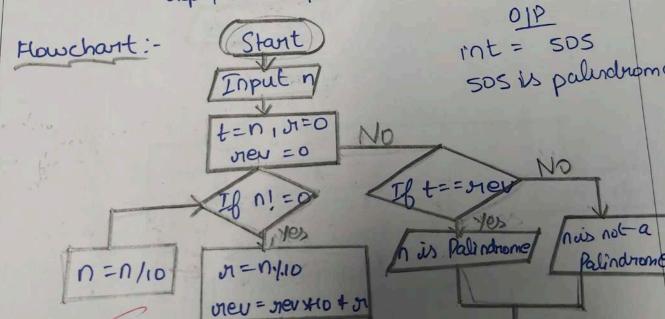
step 6:- n= n/10

Step 7: if (n>0) then go to Skeps 4 to 6

slep 8:- if (lemp = = view) then
print palindrome minumber"

Pount " not a palindrame number" else

Slepq: - Slop



Ex. No.: 6

Date: 18/10/24

Sum of Digits

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

Algorithm:

Step 1: Start

Step 2:- Reach number n Step 3:- Declare sum =0

Step 4: remainder = nolo 10

Sum = Sum + remainder

n= 1/10

Step 5: If n>0 then goto step 4 else go to next step 8 tep 6: Print "sum"

Flowchart:

RAPPER PPPP

Step 7: - Stop

remainder = nº/00 sum = sumthem

n= 1/10