Date: 5. 10.202

Calculate Area and Perimeter

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

Algorithm:

Step 1: Start

Etep2: Dellara viociable . SIPIA

Aten 3: Read &

step 4: laborate A = 5*5
step 5: laborate P=4*5
step 6: sixplay A & P
step 7: End

Flowchart:

Days to Year Conversion

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

Algorithm:

Bton 1: start

ætenz: Delavel Variable, n,y,n,d

step 3: Read on

step 4: Calculate years => y=n/365 step 5: Calculate months => m = (n/. 365)/30 step 6: Calculate days => w = (n/. 365)/.30 step 7: Siaplay, y, m, d

Dten 8: Ston

Flowchart:

Sec ny, mid

Prime Number

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

Algorithm:

Step 1: Start

Aten 1: sedwel

18ton 3: Read

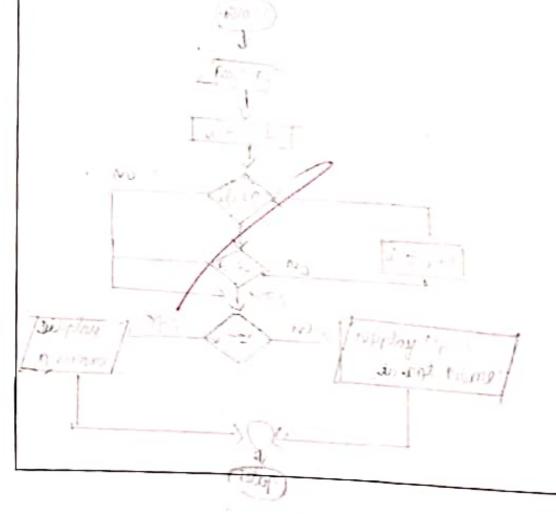
watery: Rell=2

Dans: repeat exten 5.6. until i Ln

2top 6: [Chark whether the is divisible or not]

if 1. i == 0 then go to atop clear go to step of atom: alt it

Dans: 42 == . ohen it in yvine no alles it is not prime Flowchart: Rton



Ex. No.: 4

Date: 5-10-2024

Leap Year

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

Algorithm:

ster 1: start

seter 2: Olilare viviables years, or con

acten 3 - Read years

stor4: labulate ren = year 1. 4

Step 5: if frem = = 0 & then

print ("Leap year")

elear ("Not a lear year")

aten 6: inter

Flowchart:

Palindrome Number

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

Algorithm:

Eten 1: Atort

oten 2: sedare, Jeny = n, rev:0

Itin 3: Read or

oten4: vom = n%10

- rev = vev x 10+ ven

'n = 2/10

ety 5: 18(n)10) 190 to exter 4 to 12506

step 6: 92 temp == new other

print (" palindrome number")

Flowchart:

else print (" not polistrome number")

Etin 7: aton

(Juta 1

JE4- 10 63080 10

> Print Palls deger aun bort

Pallendron wunder

Department of Information Technology, Rajahkshmi Engineering College

Sum of Digits

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

Algorithm:

Steps: Reach

July 2: Read n

sten 3: seclare sum =0

Atque varainde en 1/10

Aum = Dum + remainder

2 =2/10

DD. 5: Uf(0>0) they ugo to water 4

· · stre/go to war &

Dans print som

organ, water

Flowchart:

