Week 0:

ROLL NO.:240801152

Name: Kavinilavan S

Ex. No.:)

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:

Step1: Stoort

Step 2: I reput side Step 3: Aveca = Side * Side

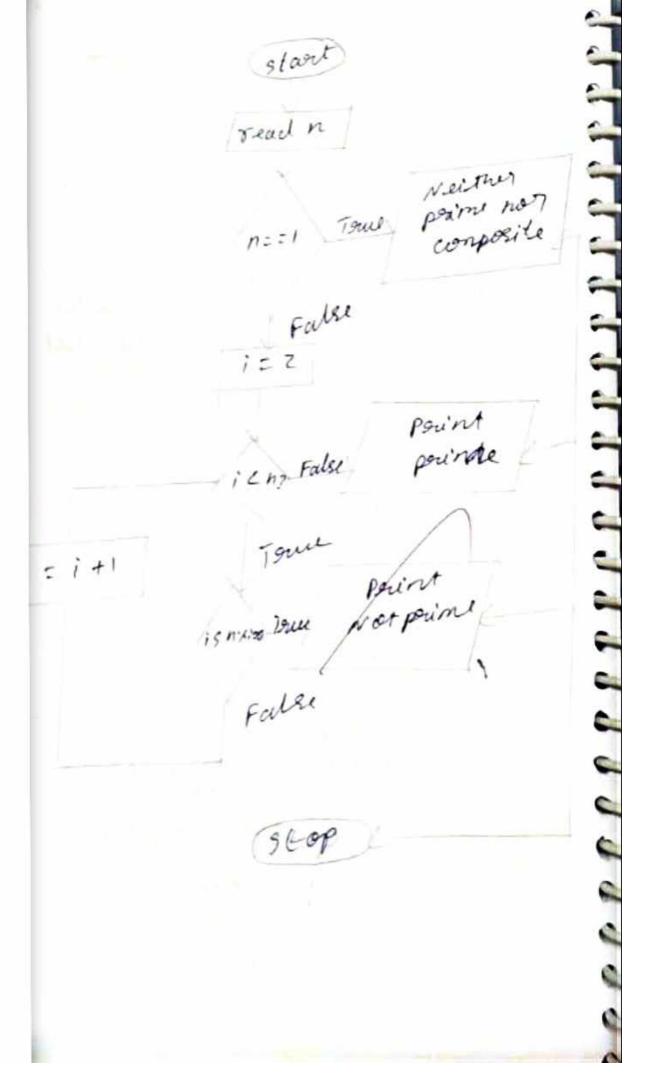
Step 4: Perimeter = 4 * Side

step 5: output Area (or) Pourt Area

step 6: Output perimeter (or) Pount perimeter

step 7 : stop

Flowchart:



Prime Number

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

Algorithm:

Ex. No.:

Date:

Days to Year Conversion

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

Algorithm:

step 1: start

Step 2: Input number of days

step 3: Compute years = total day/365 step 4: compute grenaining days = total days/365

step 5 : compute months = sumaing day/so

Step 6: Compute days left : numaining /30

step 7: Point years / months / days step 8: stop

start

read days

year = day 136 \$
8 earning = days 1.36 5

months = remaining/30

day left - remaining 1.30

point years, man, days

(Stop)

Ex. No.:

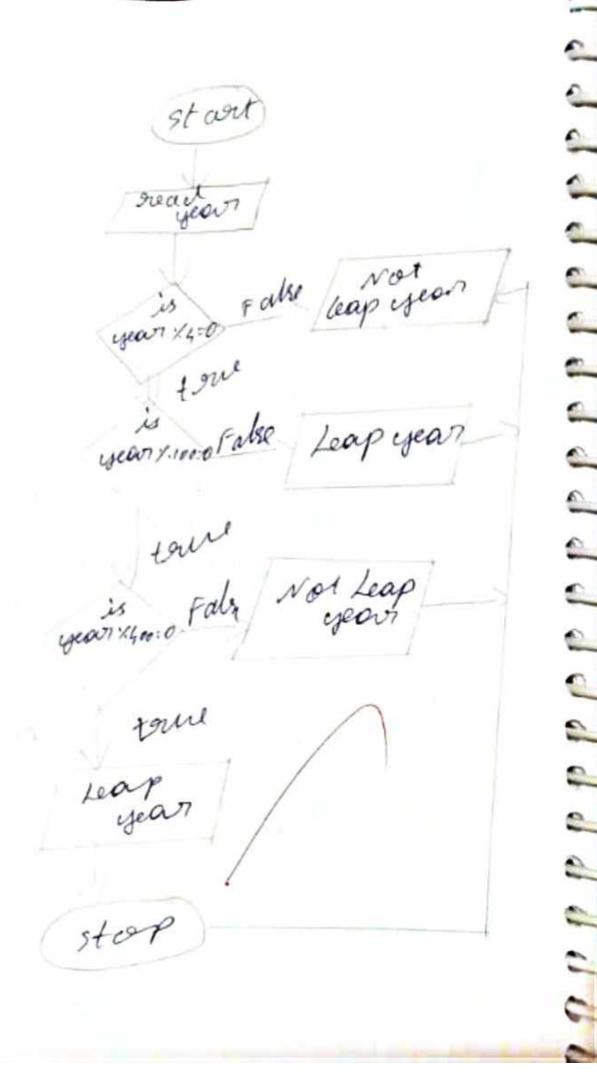
Date:

Leap Year

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

Algorithm:

Flowchart:

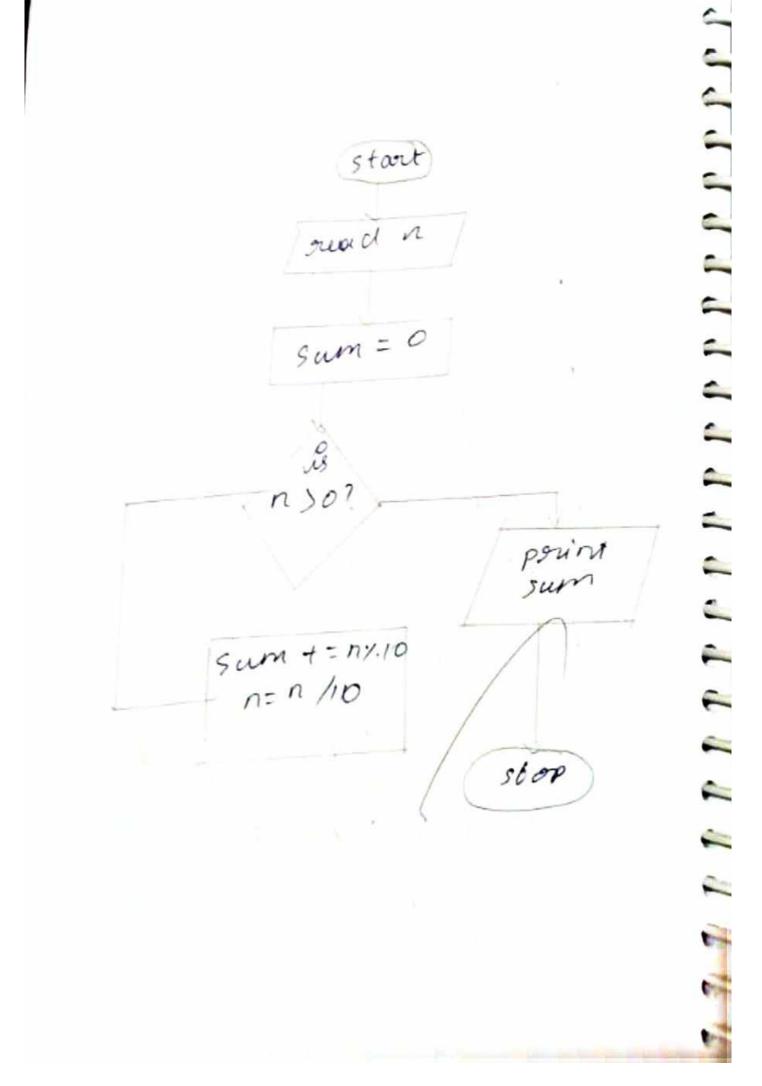


Palindrome Number

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

Algorithm:

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Ex. No.:

Date:

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 - get 'n' from the user

step 3 - initialize sum is equal to Zerre

step 5 - cheek n> 0 tome go to step 5 else go to step 6 step 5 - Sun = Sum + (n 1/10)

Flowchart:

step 6 - n=n/10 gg to step 4

step 7 - Pourt" sur"

step8 - stop

