Date: 21/10/24

Calculate Area and Perimeter

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

Algorithm:

tel a til

Flowchart:

Ex. No.: 2

Date: 21/10/24

Days to Year Conversion

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

Algorithm:

set y=365, m=30

Date: 22/10/24

Prime Number

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

Algorithm: step -0 - start - of icn gotes otherwise goto 10

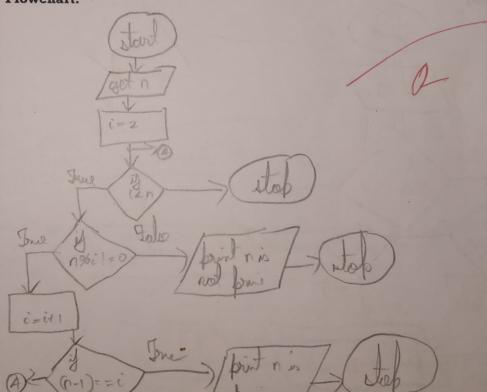
- of n%i!= o goto 6 otherwise

- of i i i i goto 8 otherwise

- of i i i i goto 8 otherwise

- of print n is prime goto 10

- of point n is not prime



Ex. No .: 4

Date: 22/10/24

Leap Year

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

Algorithm:

step-0-start

step-0-start

step-0-jy from men

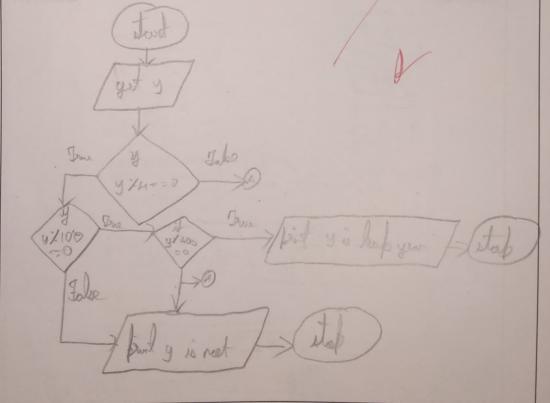
step-0-jy / 100 == 0 goto 5 otherwise goto 6

step-0-jy / 100 == 0 goto 5 otherwise goto 6

step-0-brint y is leap year goto 8

step-0-brint y is not leap year goto 8

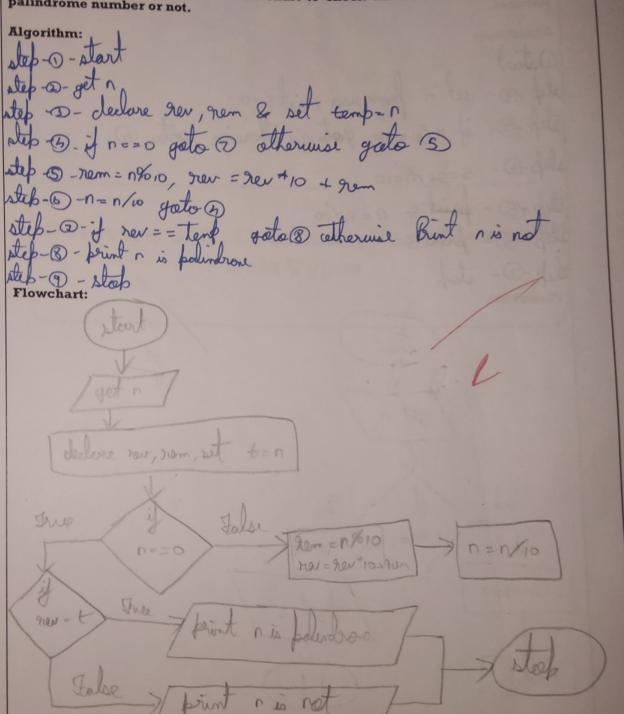
Flowchart:



Date: 22/10/24

Palindrome Number

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



Ex. No.: 6

Date: 22/10/24

Sum of Digits

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

Algorithm:

Flowchart

