Ex8. No: 1

while an algorithm and draw a flowchood to calculate the area and posimeter of a square

Algorithm:

Step 1: Start

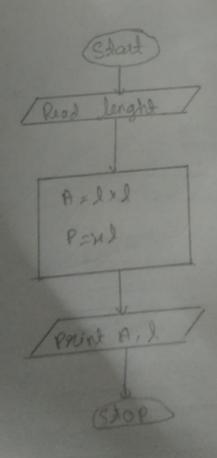
Step 2: Read length

Step3: calculate A= lxl

P = Lex

Step 4: Pourt A, P

Step 5: Ston.



Exp. No:2

swrite an algorithm and draw a flow chart to convert the given days indo years and months.

Algorithm:

Step 1: Start

Step 2: Input days

Step 3: total = days | 365

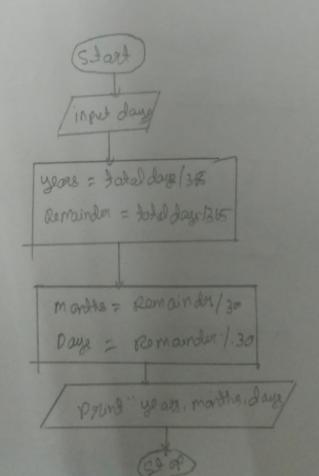
Stop h: Romaindon = Total 1.365

steps: months = Remainder 1/ +30

shep 6: Days = Remainder 1.30

stept: Print 'years, months, days'

Steps: Stop.



Ex-10:3

Write an algorithm and draw an flowchard to chock whother the given number is prime or not:

step 1: start

Step 2: Readn

Step 3: Set f=1

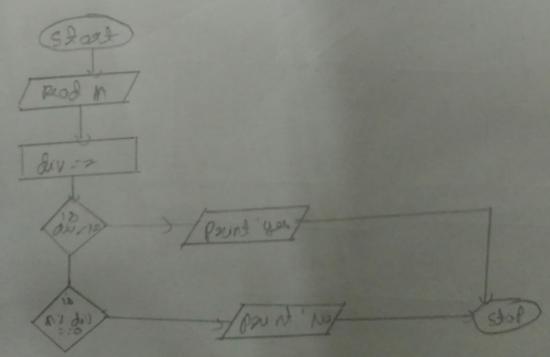
Step n: If n==1 thun pound'n is not pourme number go to 8 tep 8

Steps: boni=2 ton-1

step 6: if n 1.1 = =0 then set f=1 and brook else go to steps.

Step 7: if b==1 the pount "n is not poince number;
else
point 'n is poince number;

Step 8: Stop.



EXP . no : 4

while an algorithm and draw a flowchart to check whether the given year is leap or not.

Step: (Start

Step 2: Read year

Step 3: Rumainder = year 1.4

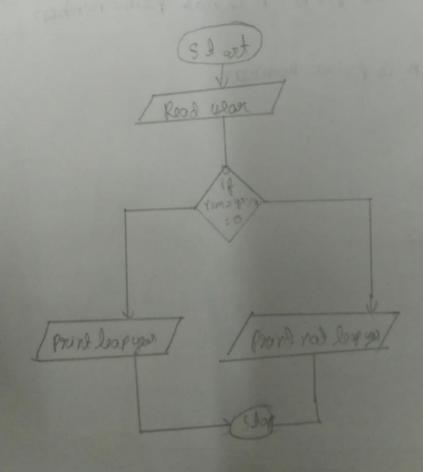
stepu: if (rem = =0) than

print "leap year"

else

print "not leap year"

Step 5: Stop



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5:00.8x3

(Start Read number Yevered-a digita nro 40 Pourd rod Palenten 89012 Palindrome" Stop.

Exp. no: 6:

white an algorithm and draw a flow chart to calculate the sum of digit in the given number.

Step 1: Start

Step 2: Get 'n'

Step 3: Initialize Sum = 0

Stepn: check no o true go to steps

Steps: Som = Sum + (n-1-10)

Step 6: n=nllo, go to Step 4

Step 7: print "Sum"

Step 8: Stop.

Sum=a no 1750 (digit=1 7-10 Sum = Sum+ digis N= N/10 pound'sum' Stop