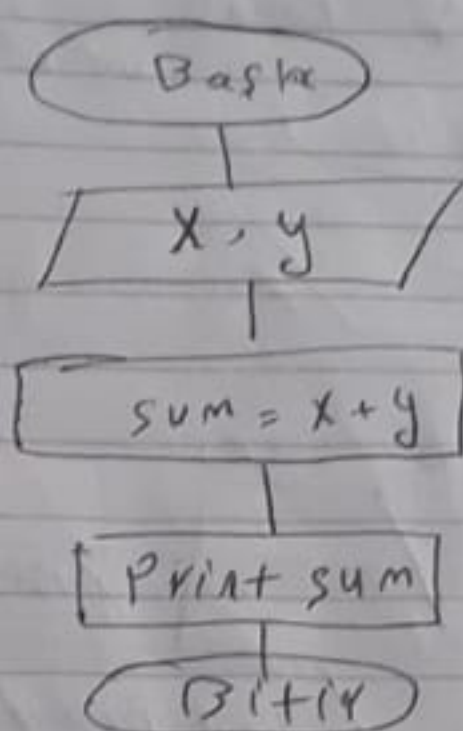
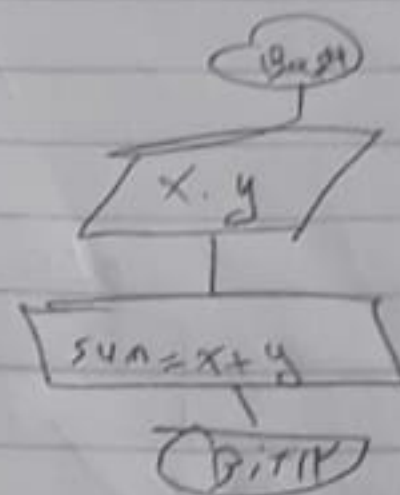


① Draw a flowchart to add numbers entered by user?

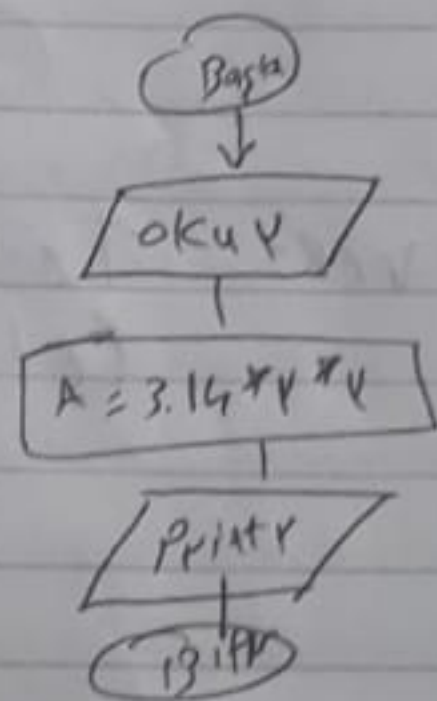
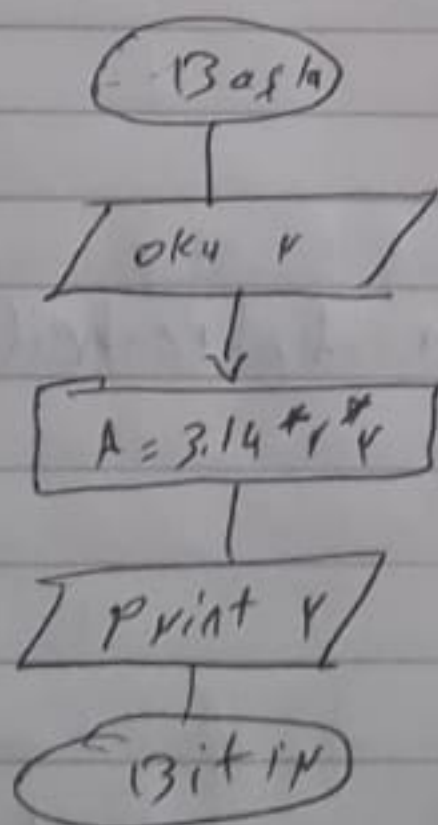


نوع الخوارزمية: خطية



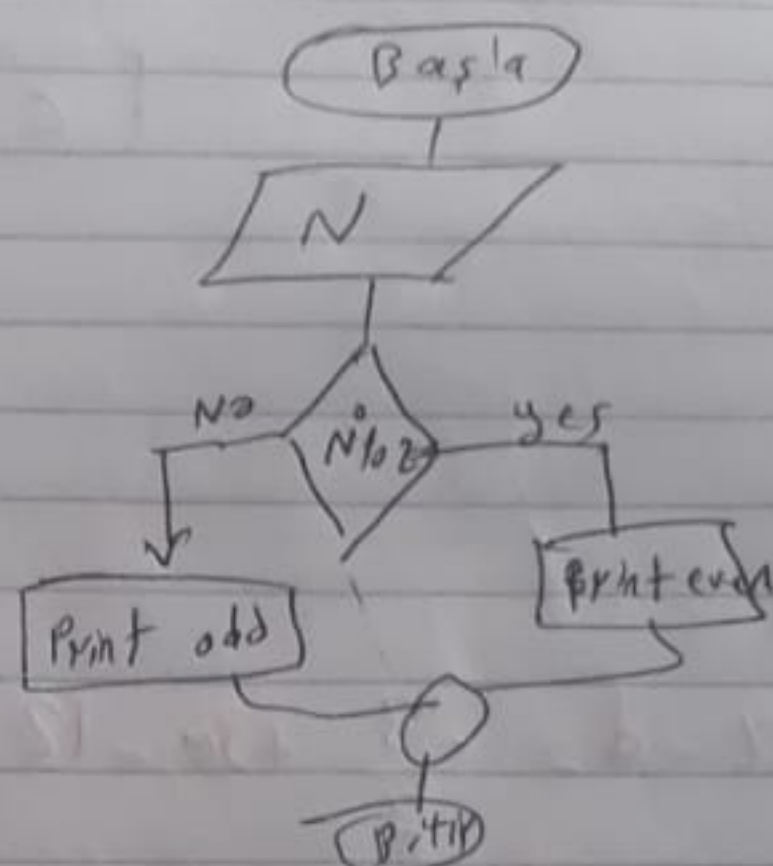
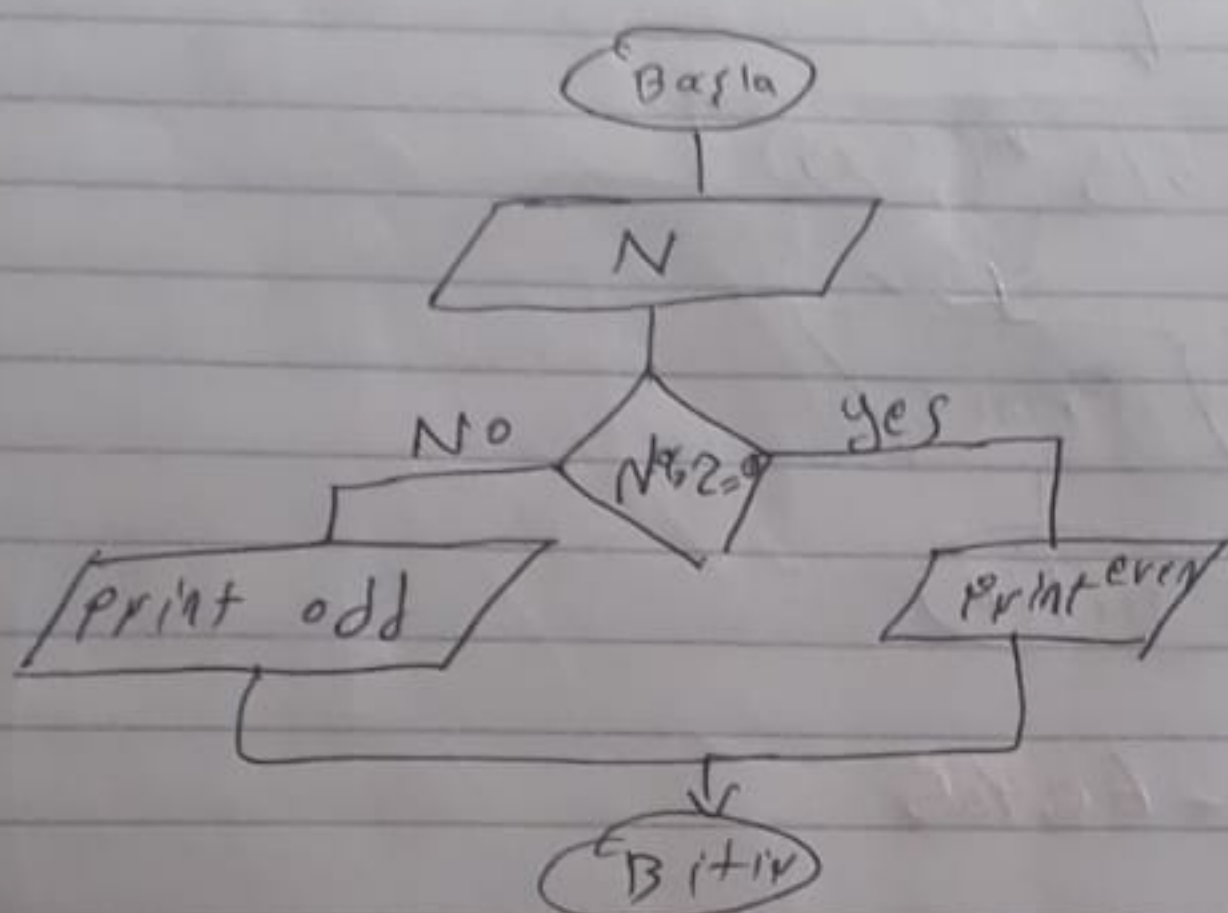
② Calculate the area of circle with given radius.

نوع الخوارزمية: خطية

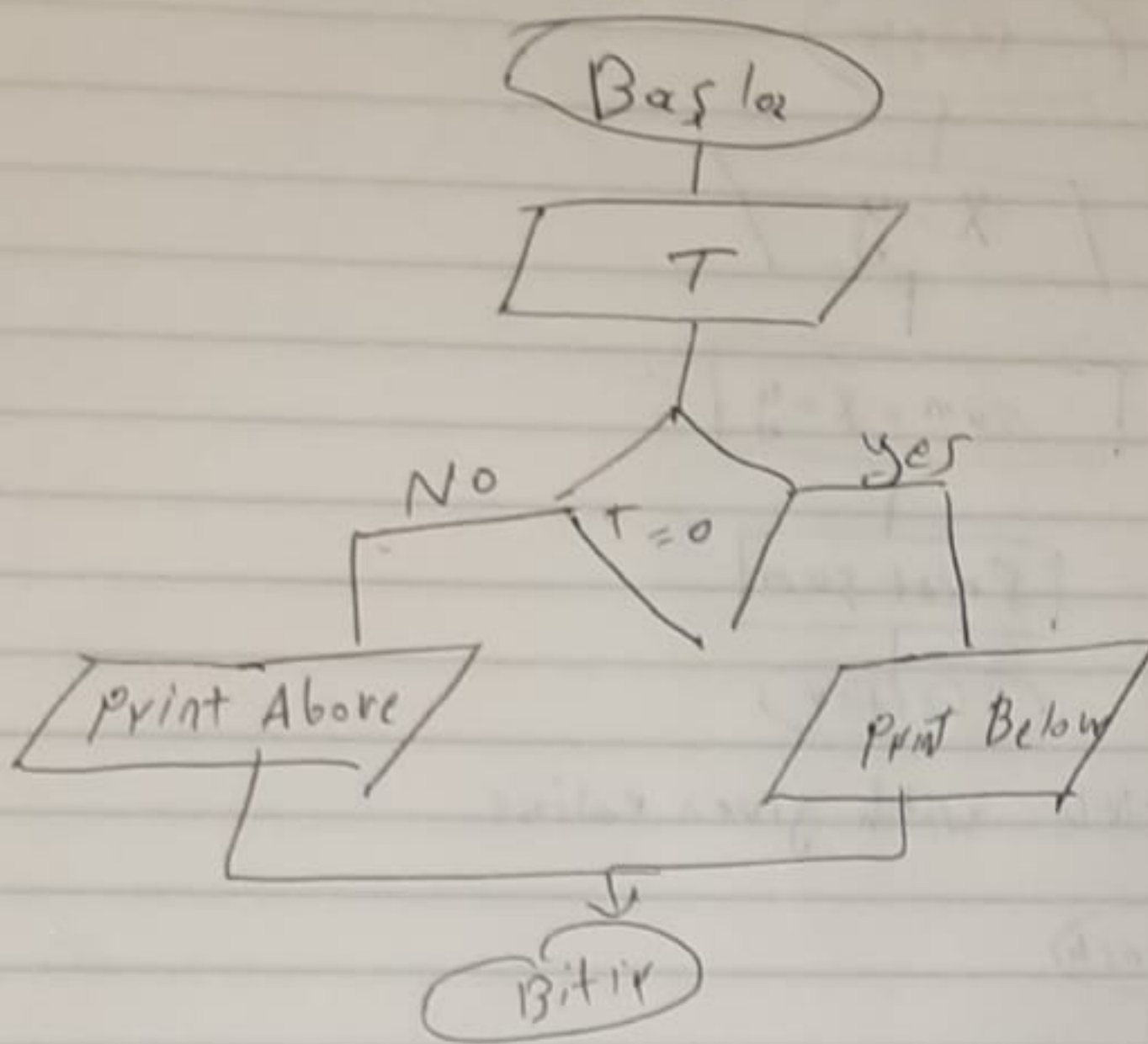


Determine and output whether Number N is Even or odd.

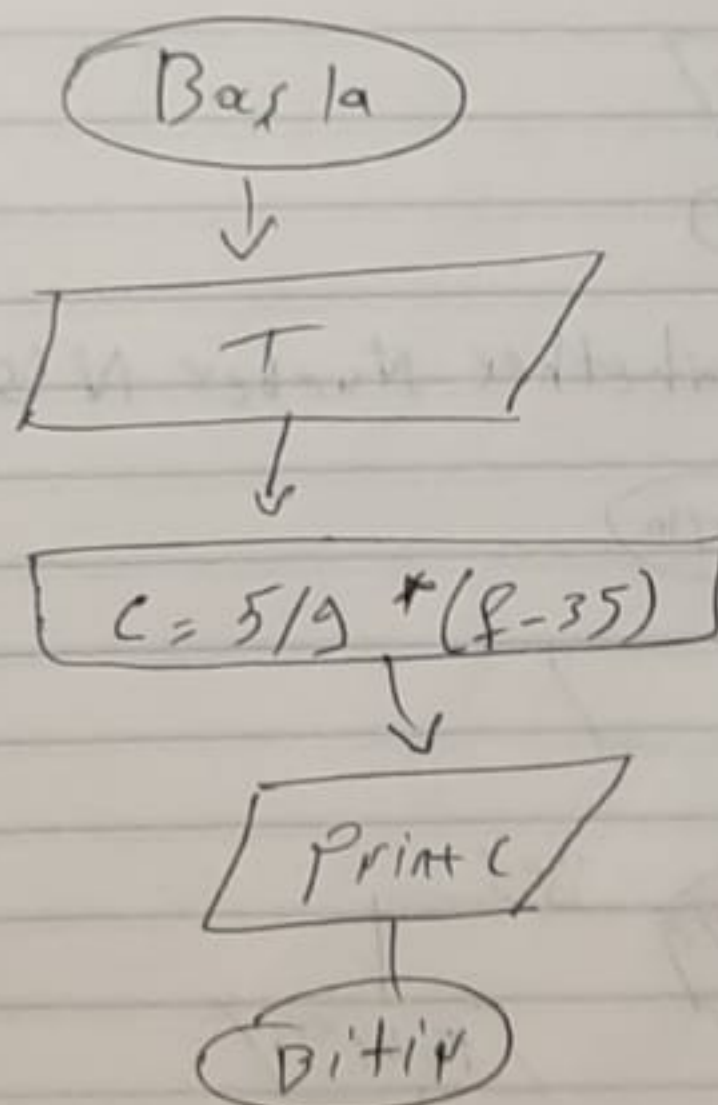
③ Determine and output whether Number N is Even or odd.



④ Determine whether a temperature is below or above the freezing point



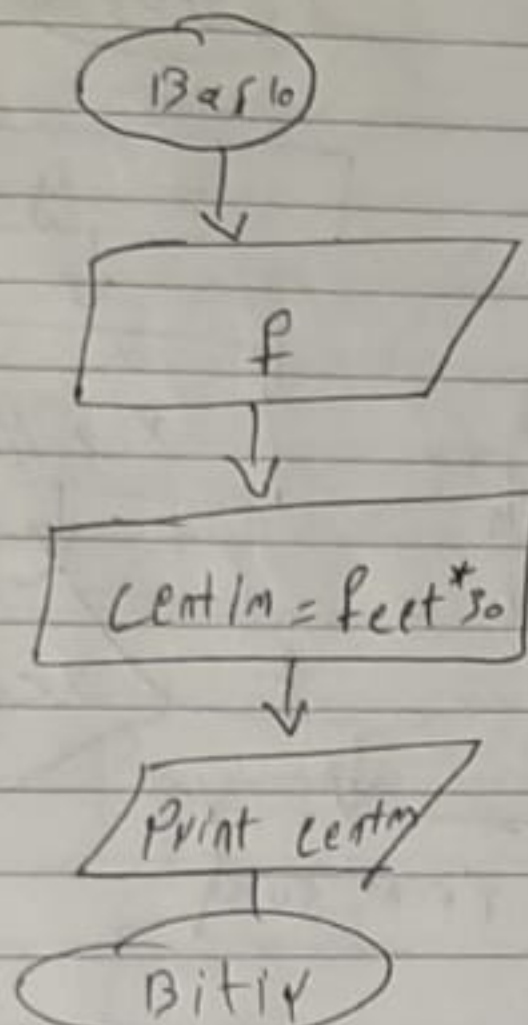
⑤ Convert Temperature from Fahrenheit (F) to Celsius (C)



6

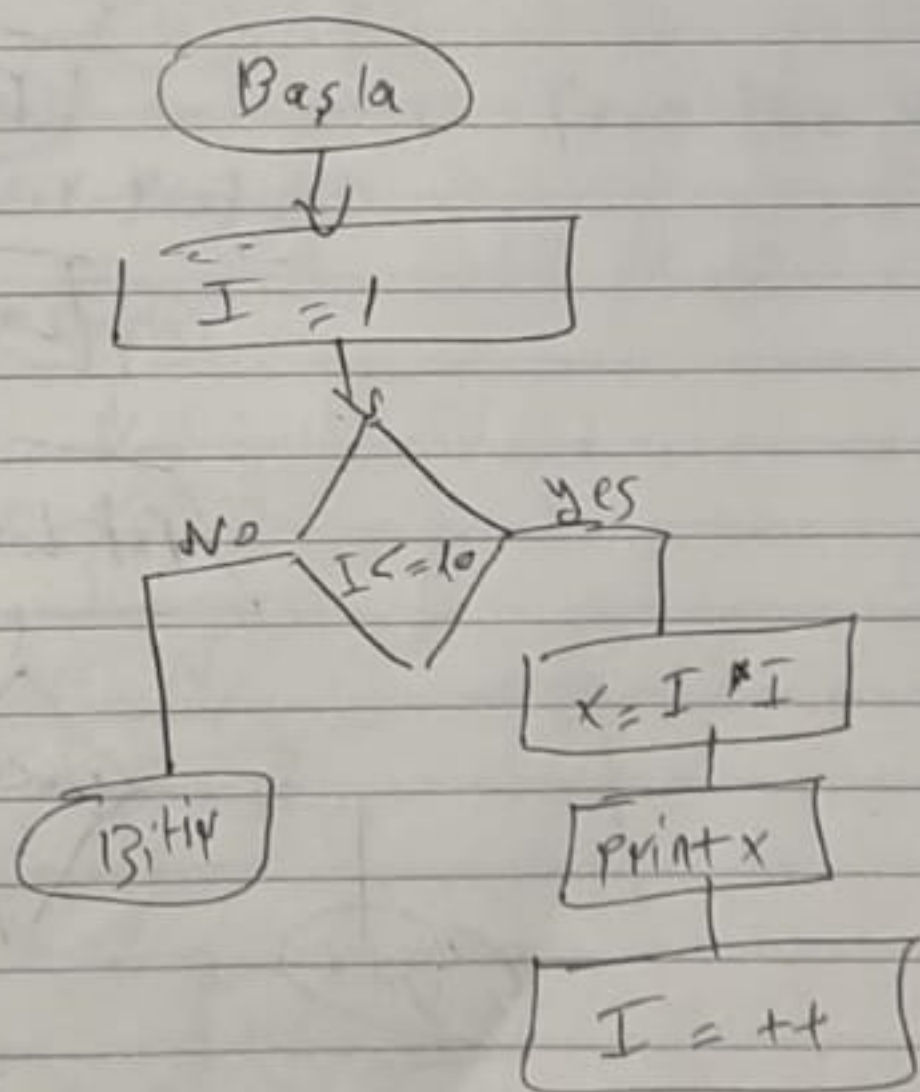
Write an algorithm and draw flowchart to convert the length in feet to centimeter

- ① Başla
- ② oku feet
- ③ $centim = feet * 30$
- ④ yaz $centim$
- ⑤ Bitir



7 Write an algorithm and draw a flowchart to print the square of number from 1 to 10

- ① Başla
- ② Eent $I = 1$
- ③ if $I \leq 10$ then
 $x = I * I$
 print x
 $I = ++$
- ④ Bitir



8) Write an algorithm and draw a flowchart to print the sum of numbers from Low to High

1) Başla

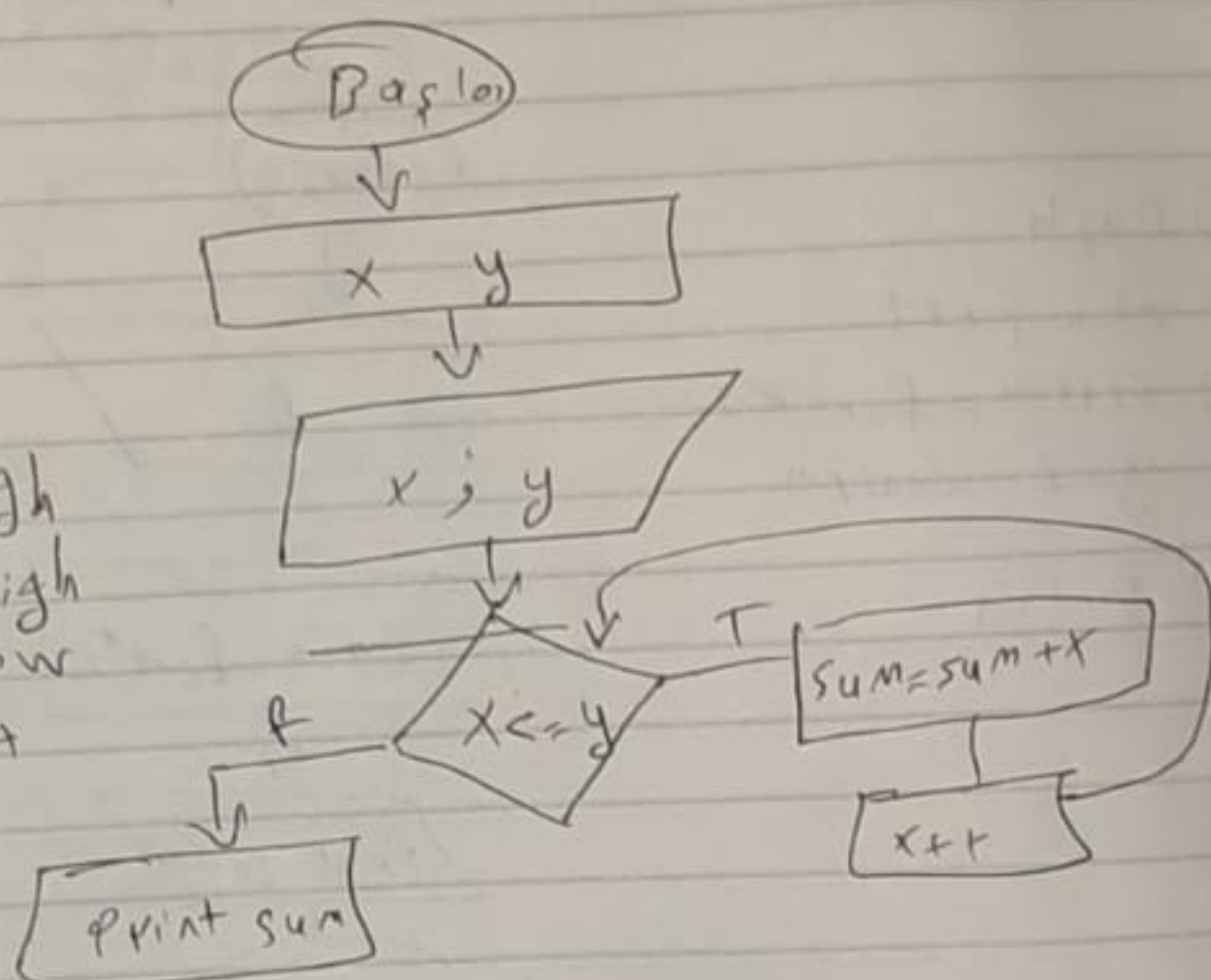
2) $sum = 0$

3) Enter Low, High

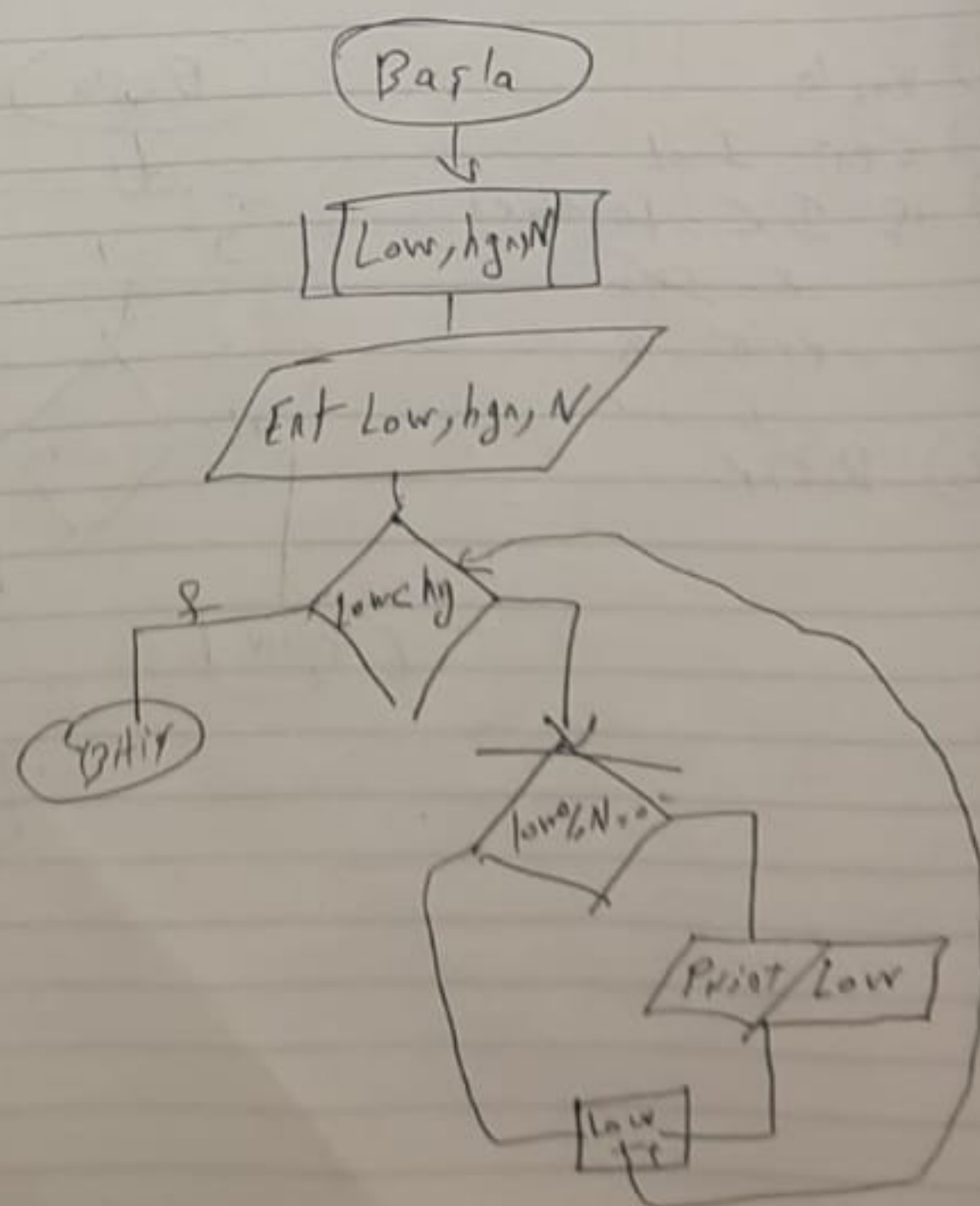
4) If $Low \leq High$
 $sum = sum + Low$
 $Low++$

else
 Print sum

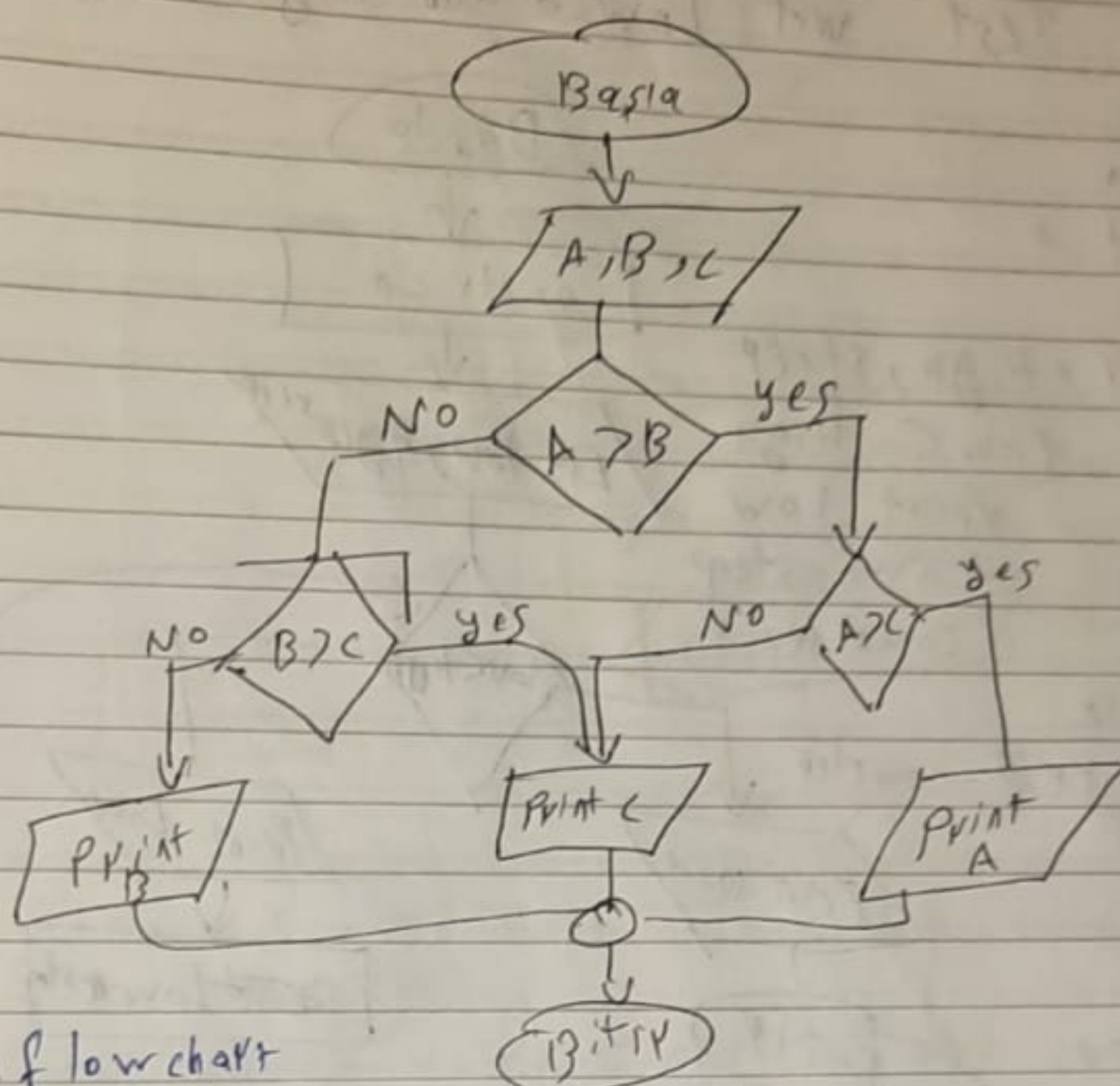
5) Bitir



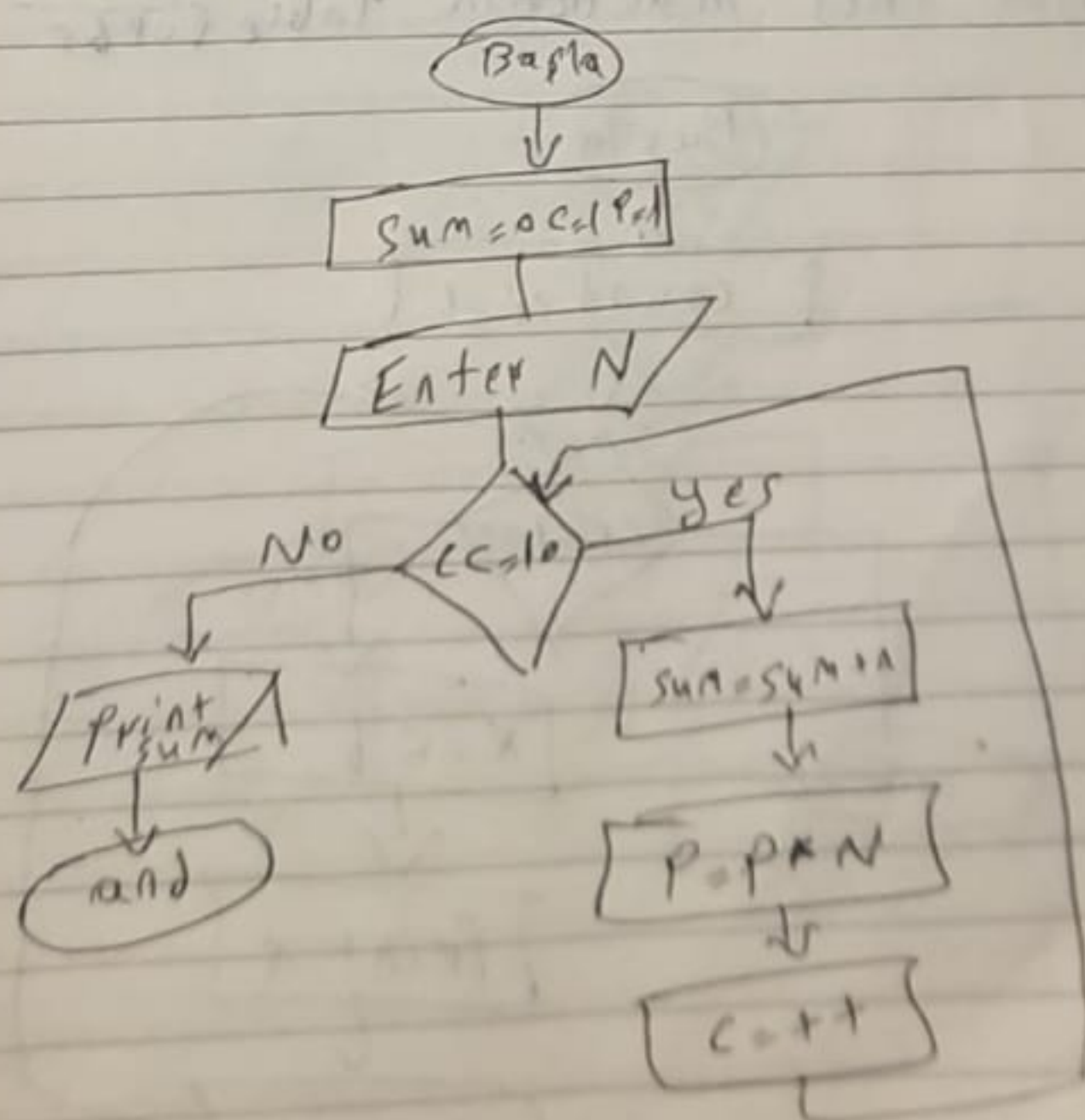
9) Write an algorithm and draw a flowchart print all number between Low and High that are divisible by Number



10) Draw a flowchart to find the largest of three number A, B and C

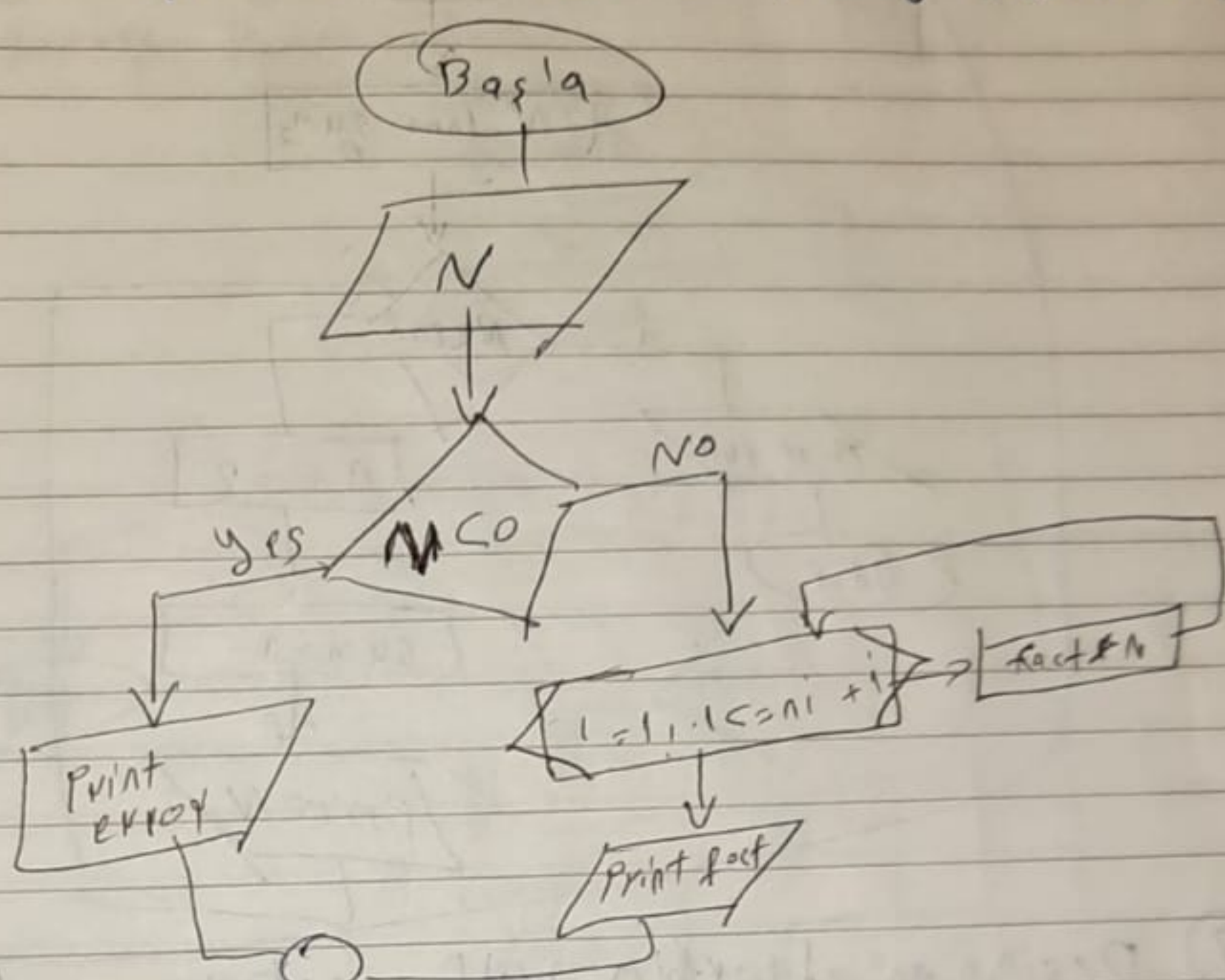


11) Draw a flowchart a program that read 10 number from the user and out their sum and their product



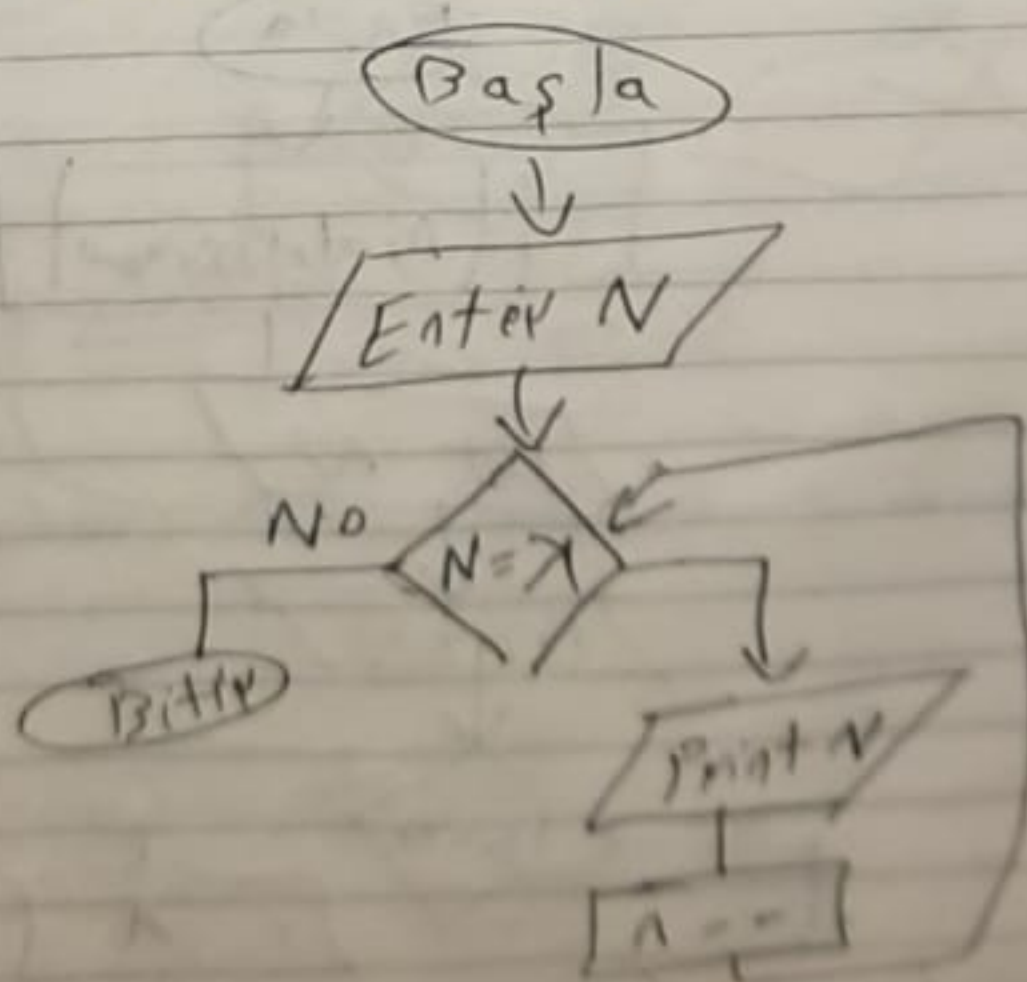
14

Draw a flowchart for computing factorial $N(N)$



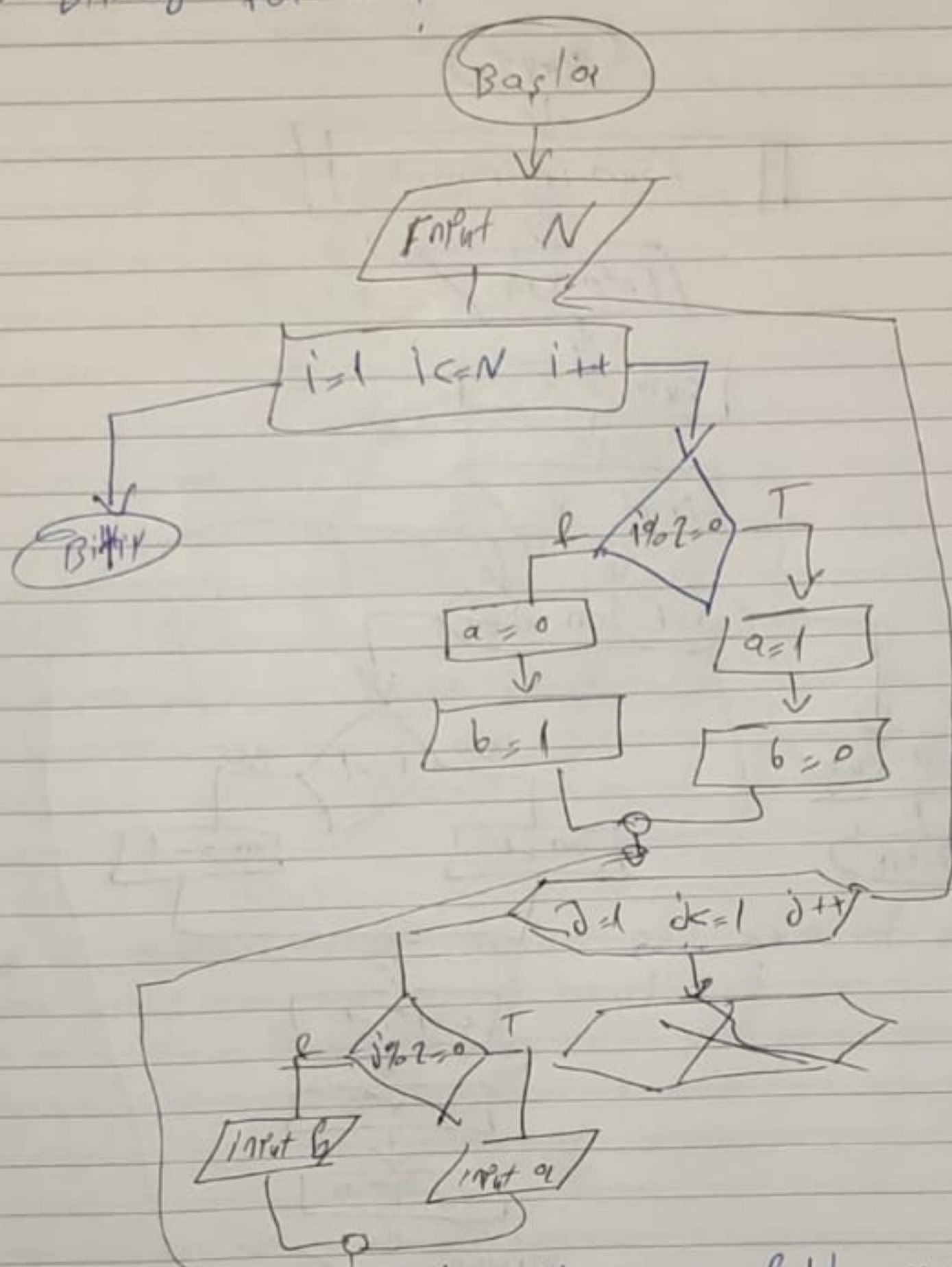
15

Draw a flow chart to print all natural numbers in reverse (from, n to 1)



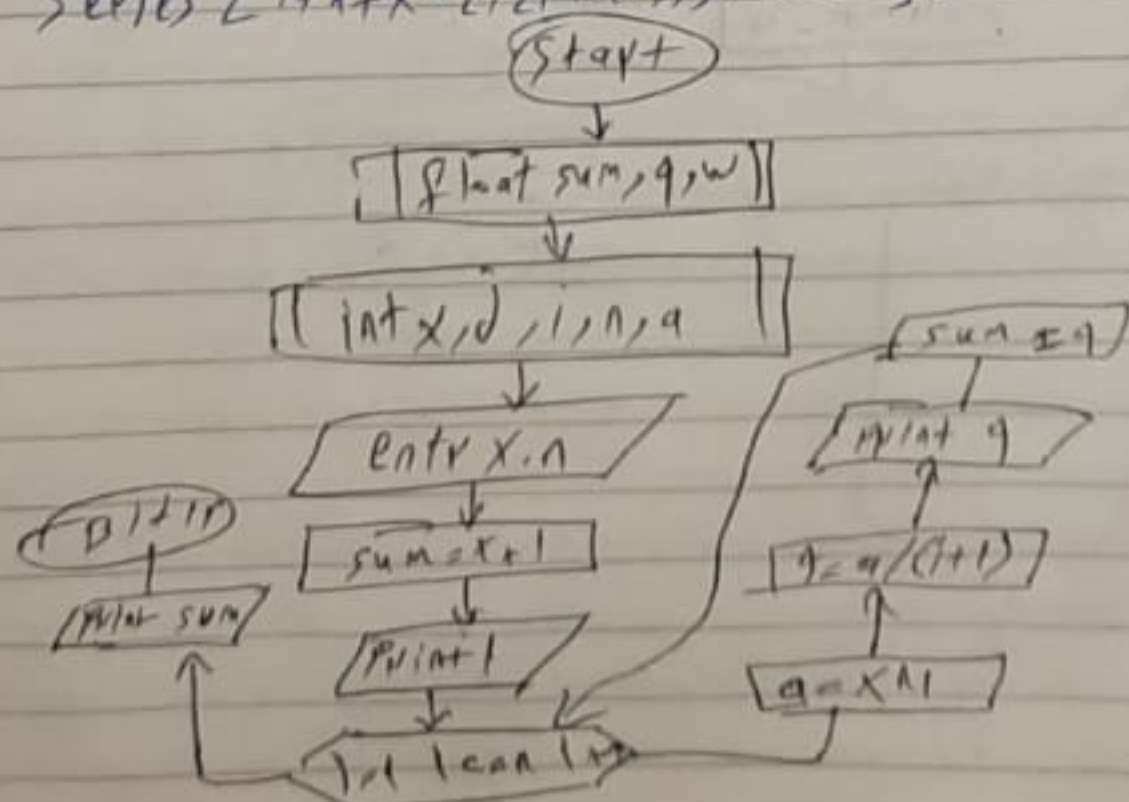
18

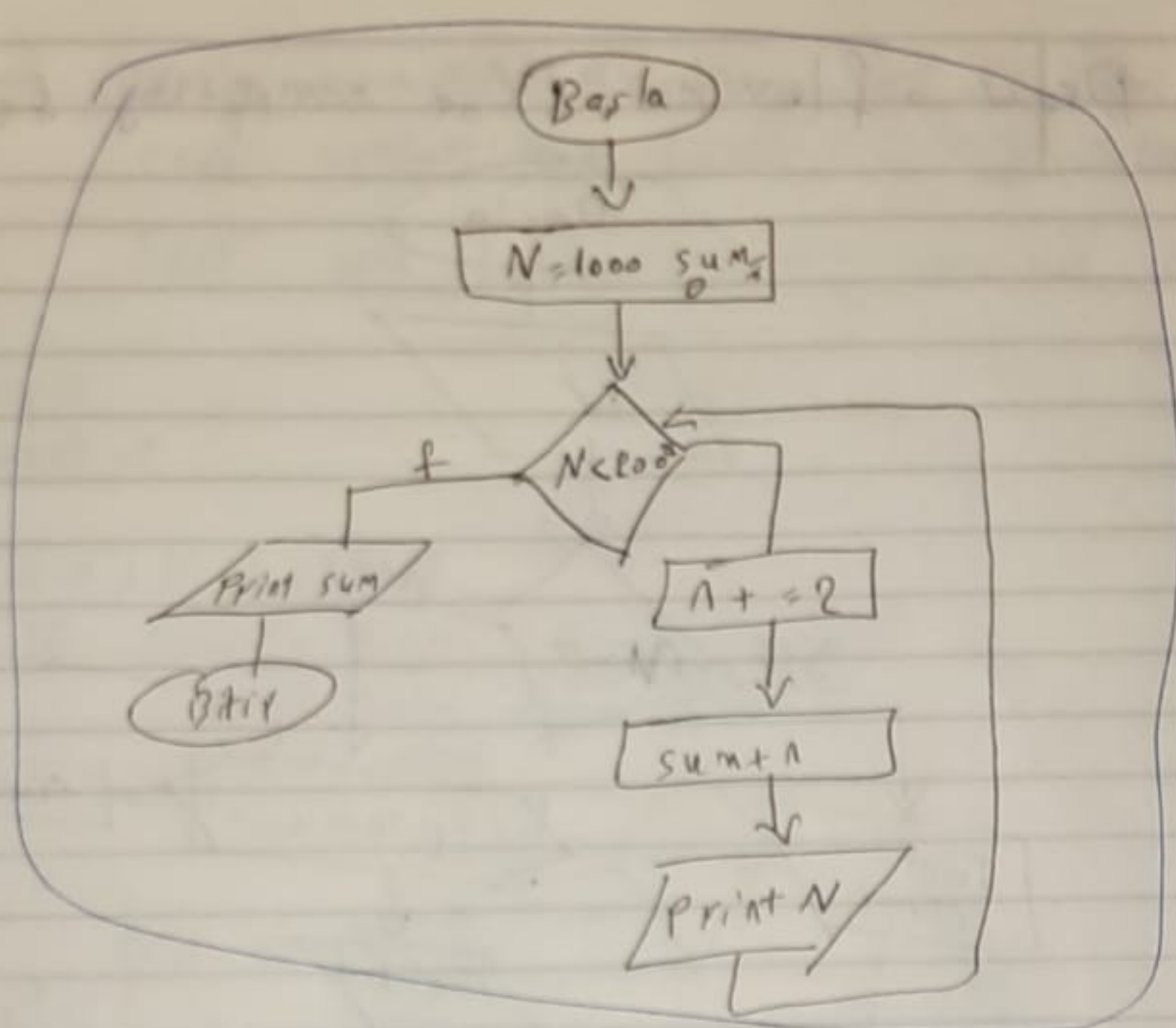
Design an algorithm to convert a decimal number n to binary format?



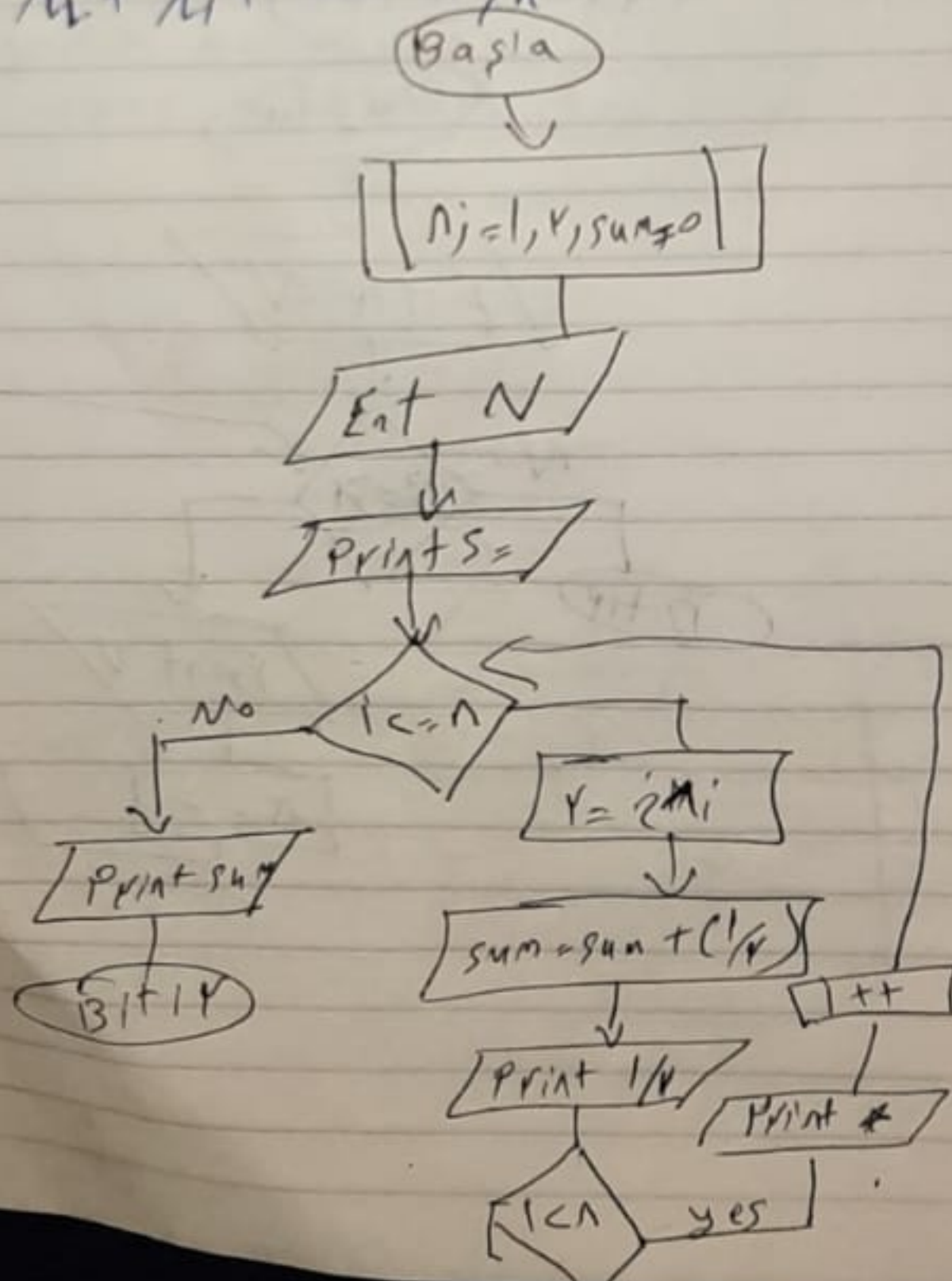
19

Draw a flowchart to display the sum of the sum of the series $\{1 + x + x^2/2! + x^3/3! + \dots\}$.

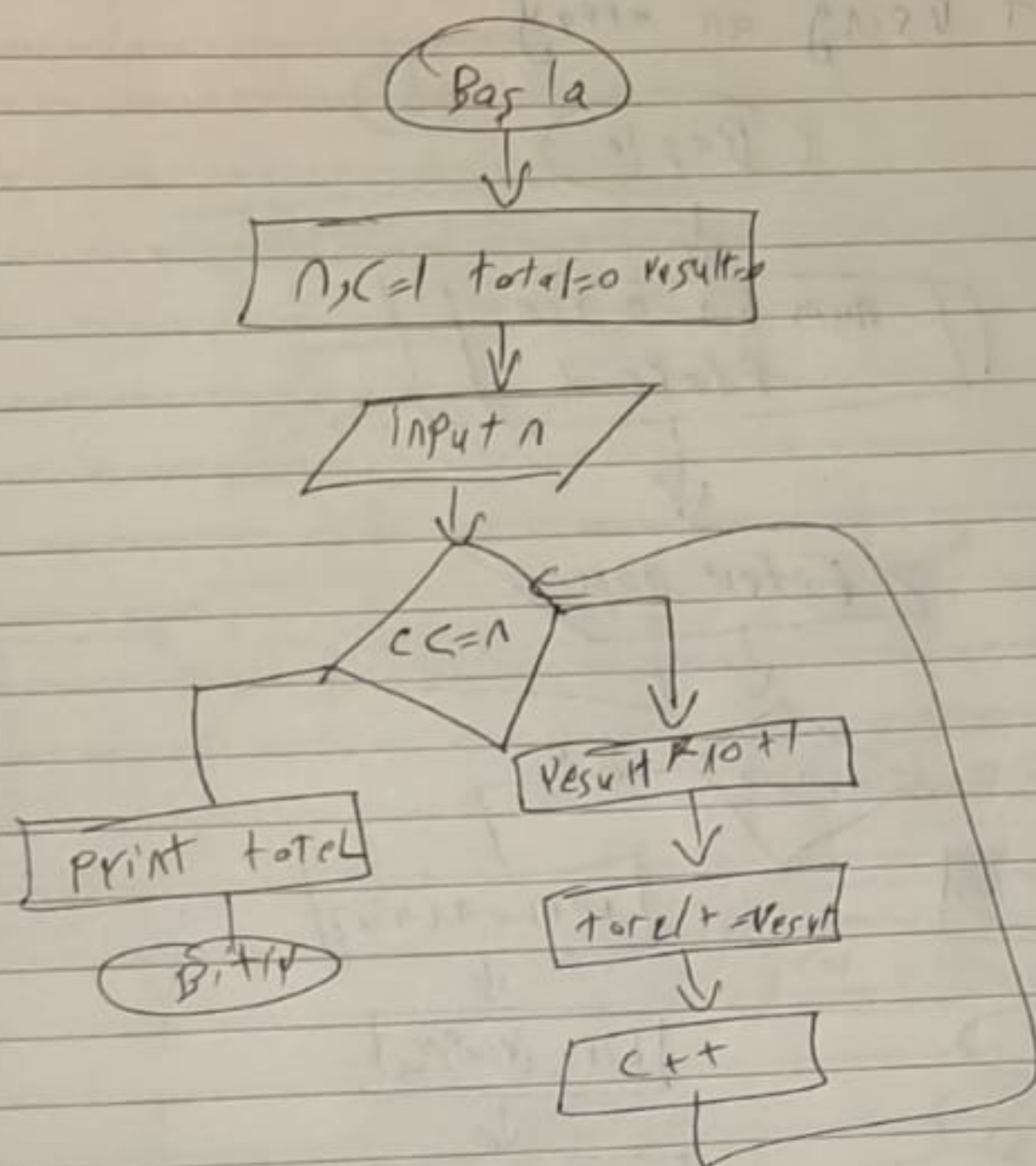




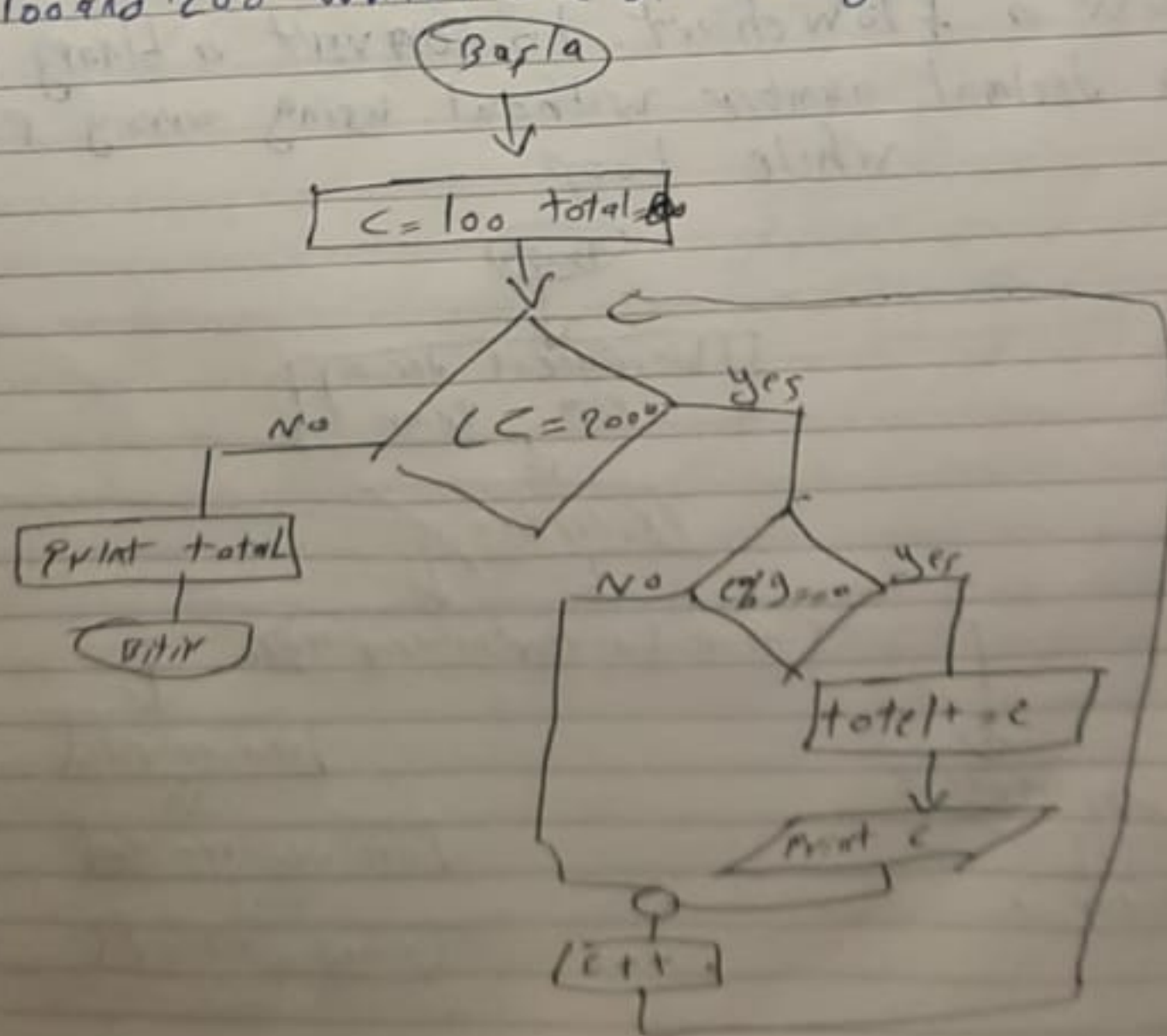
- 17) Design an algorithm with a natural number, N as its input which calculates the following formula and writes the result in the standard output.
- $$S = \frac{1}{n} + \frac{1}{n-1} + \dots + \frac{1}{n}$$



(21) Draw a flowchart $1+11+111+1111+...n$ terms.

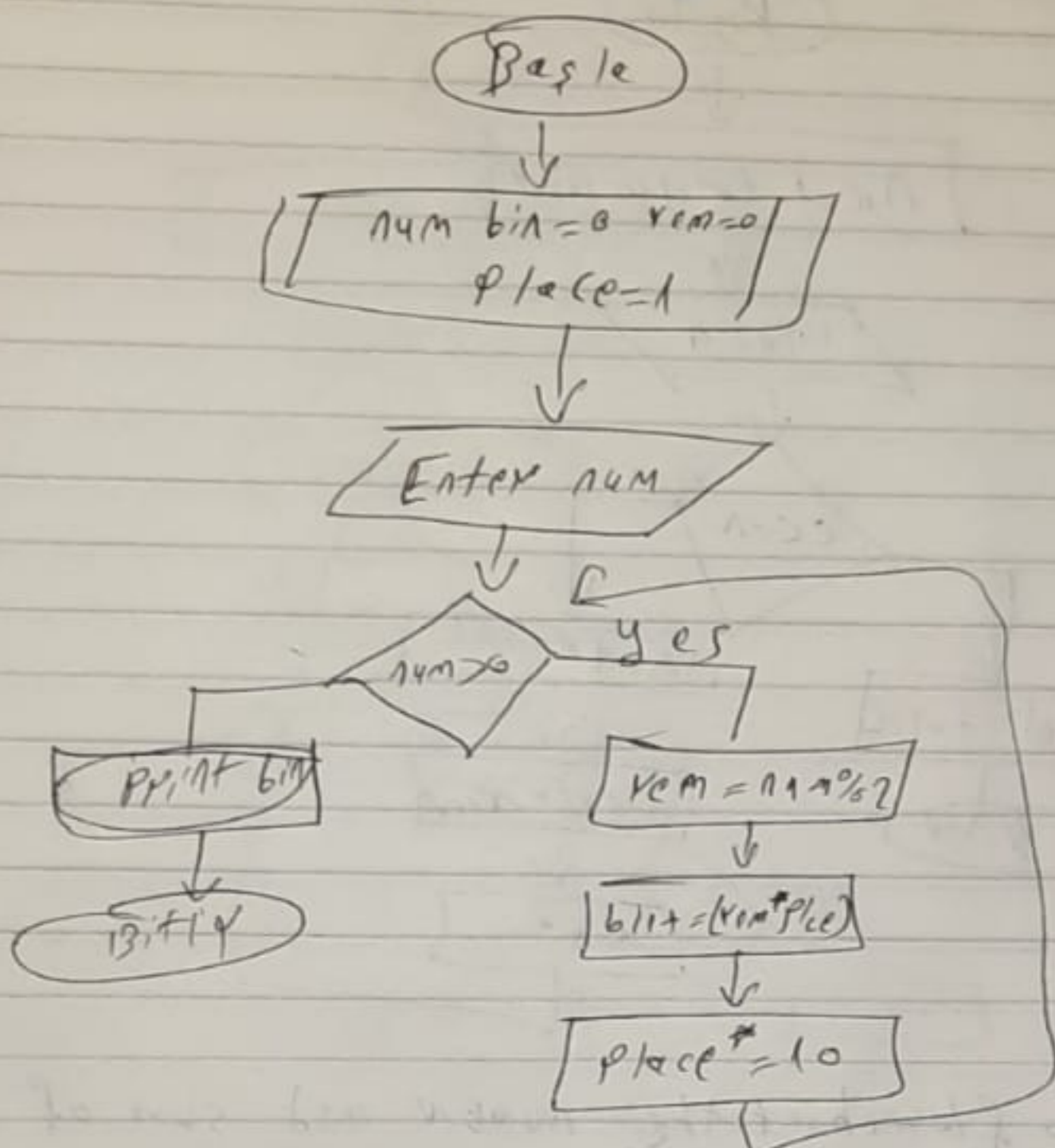


(22) Draw a flowchart the number and sum of all integers between 100 and 200 which are divisible by 5.



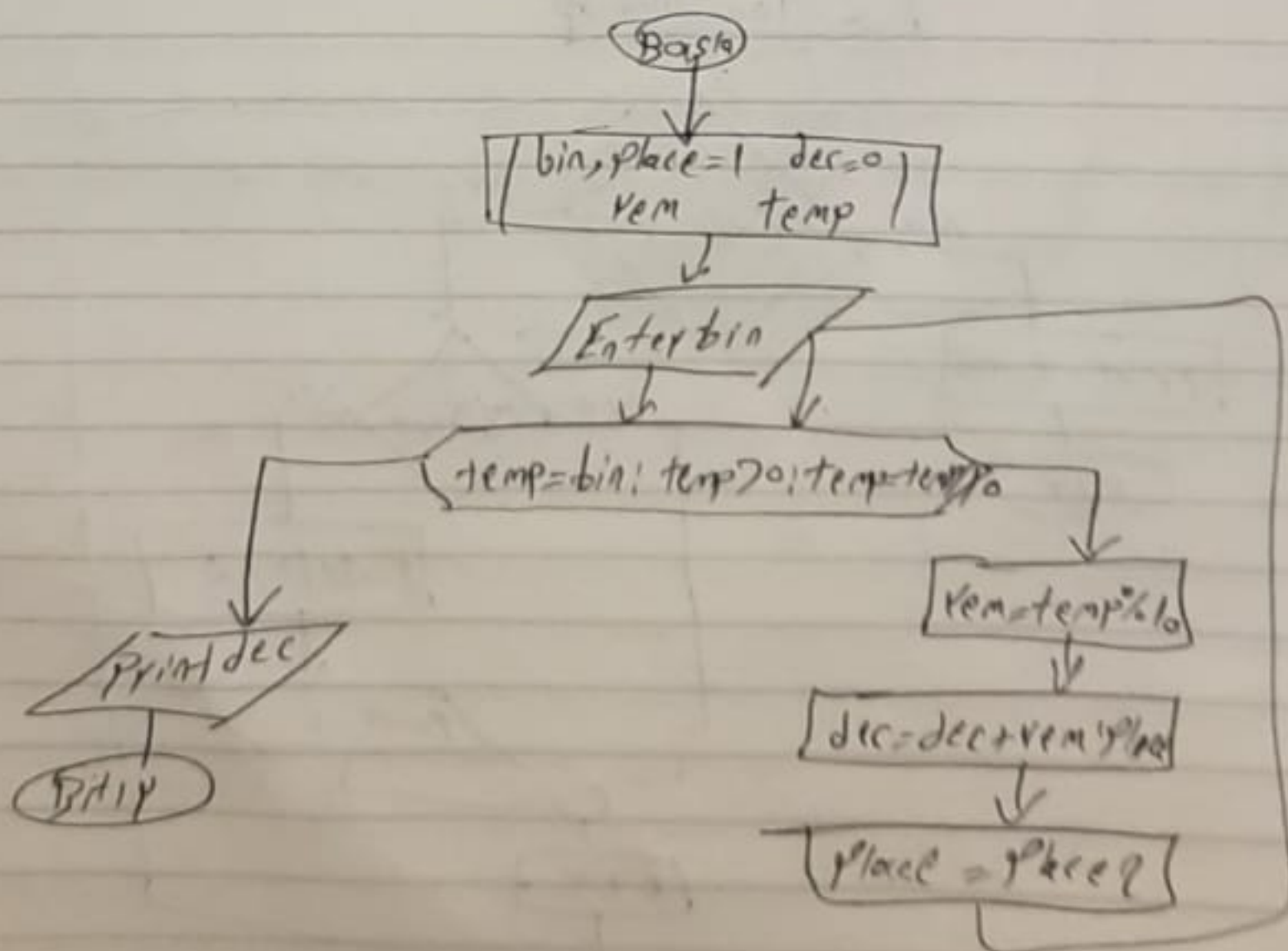
(23)

Draw a flowchart to convert a decimal number into binary without using an array



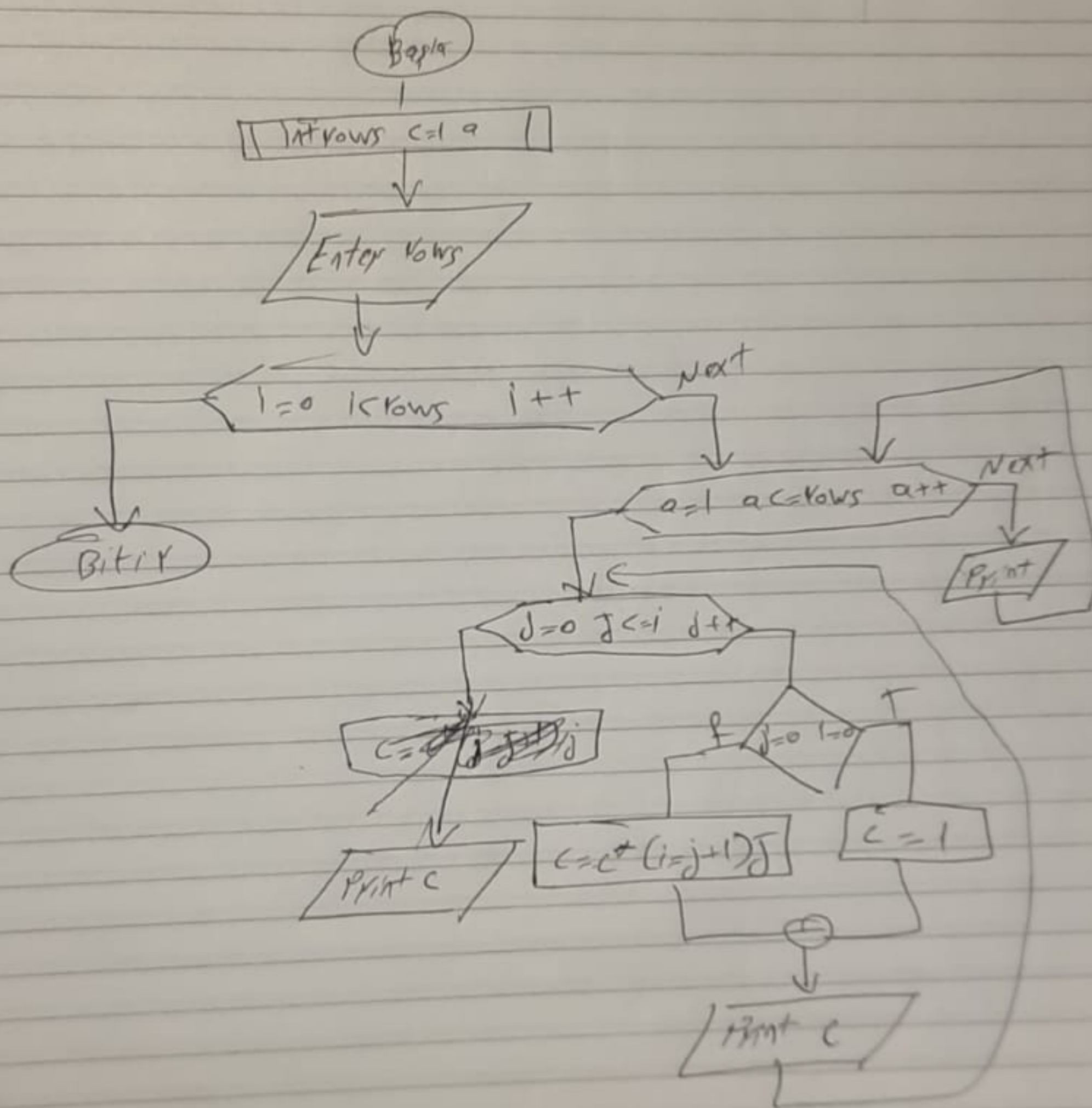
(24)

Draw a flowchart to convert a binary number into a decimal number without using array function and while loop

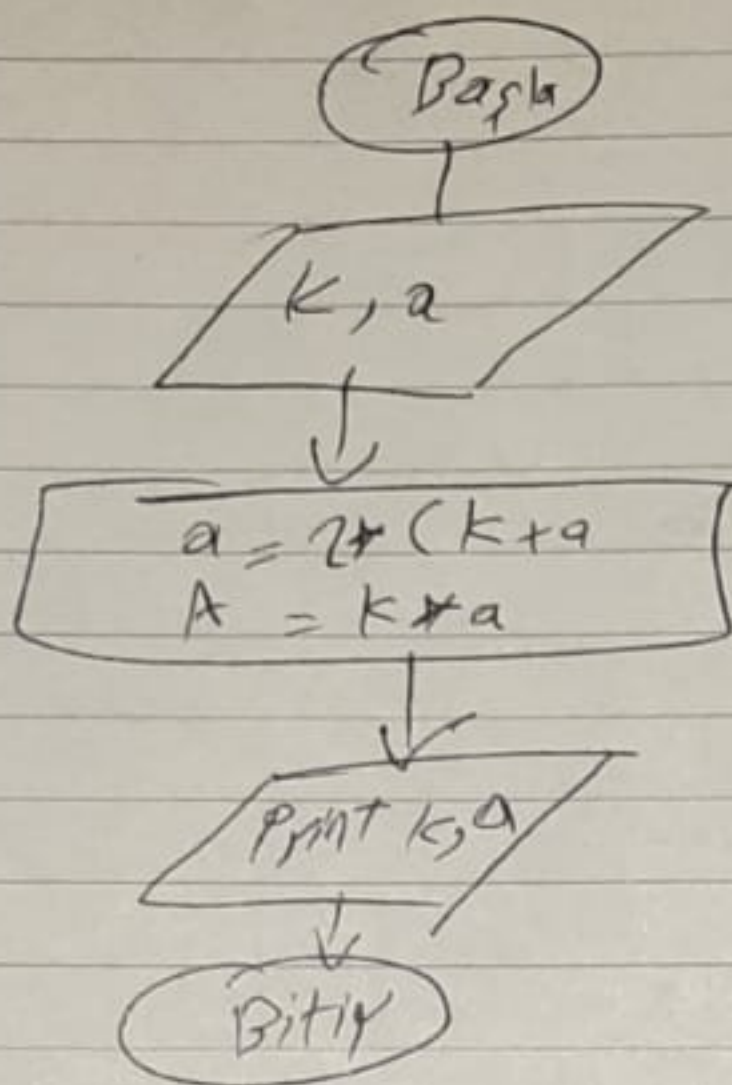


25

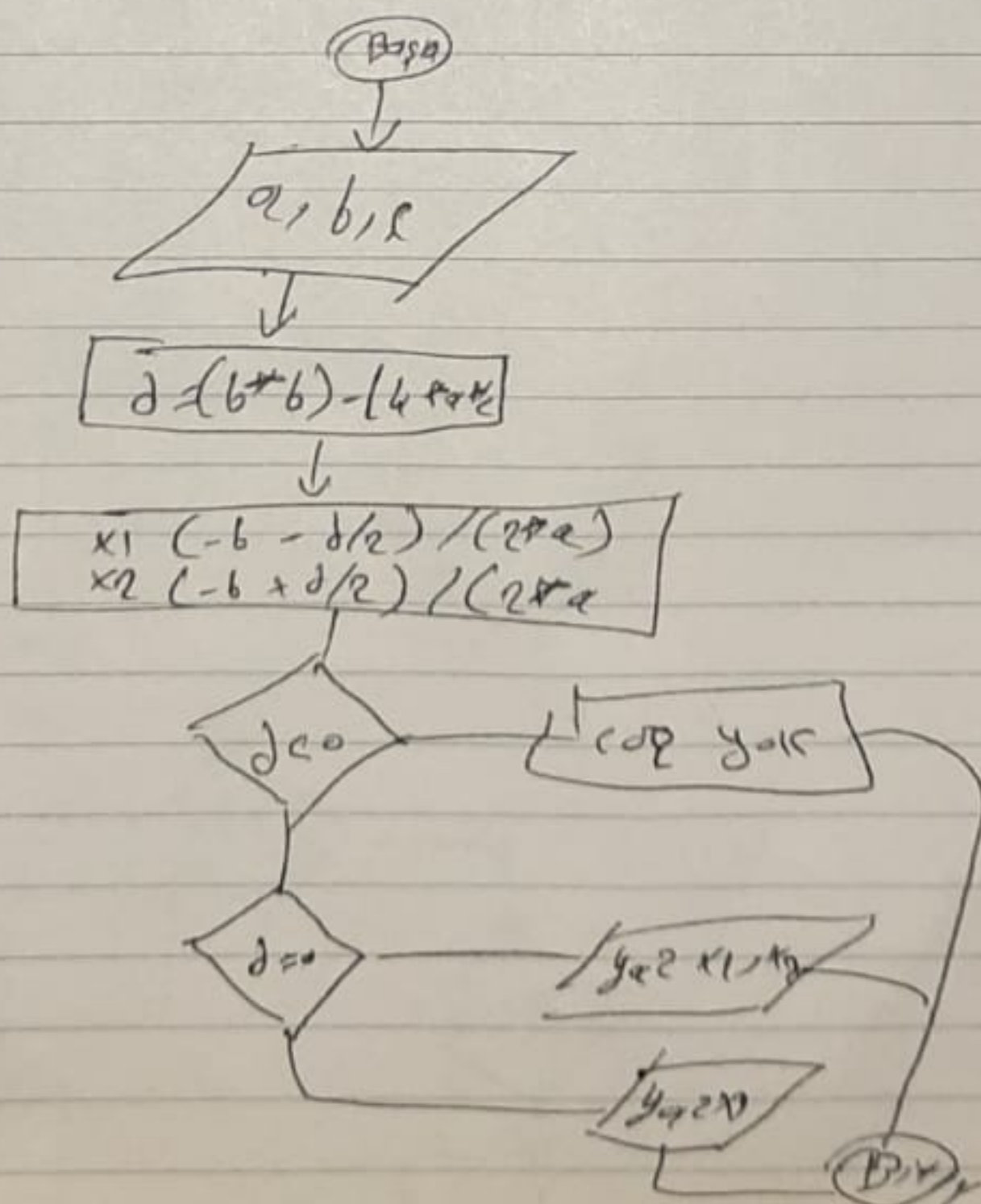
Draw a flowchart to print Pascal triangle upto n rows



26 Write an algorithm and draw a flowchart that will read the two sides of rectangle and calculate its area and perimeter.

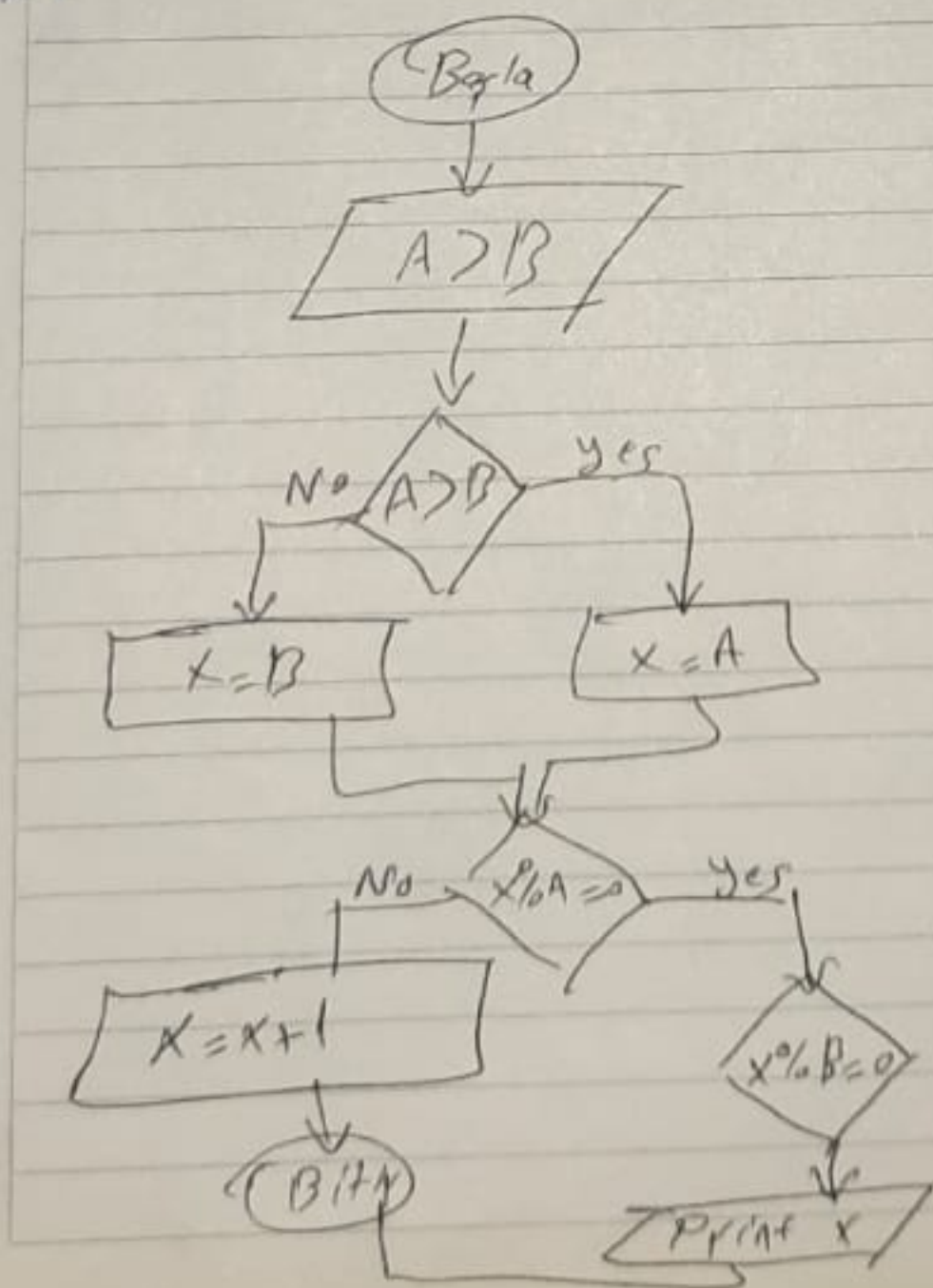


27 Draw a flowchart to find all the roots of a quadratic equation $ax^2 + bx + c = 0$.

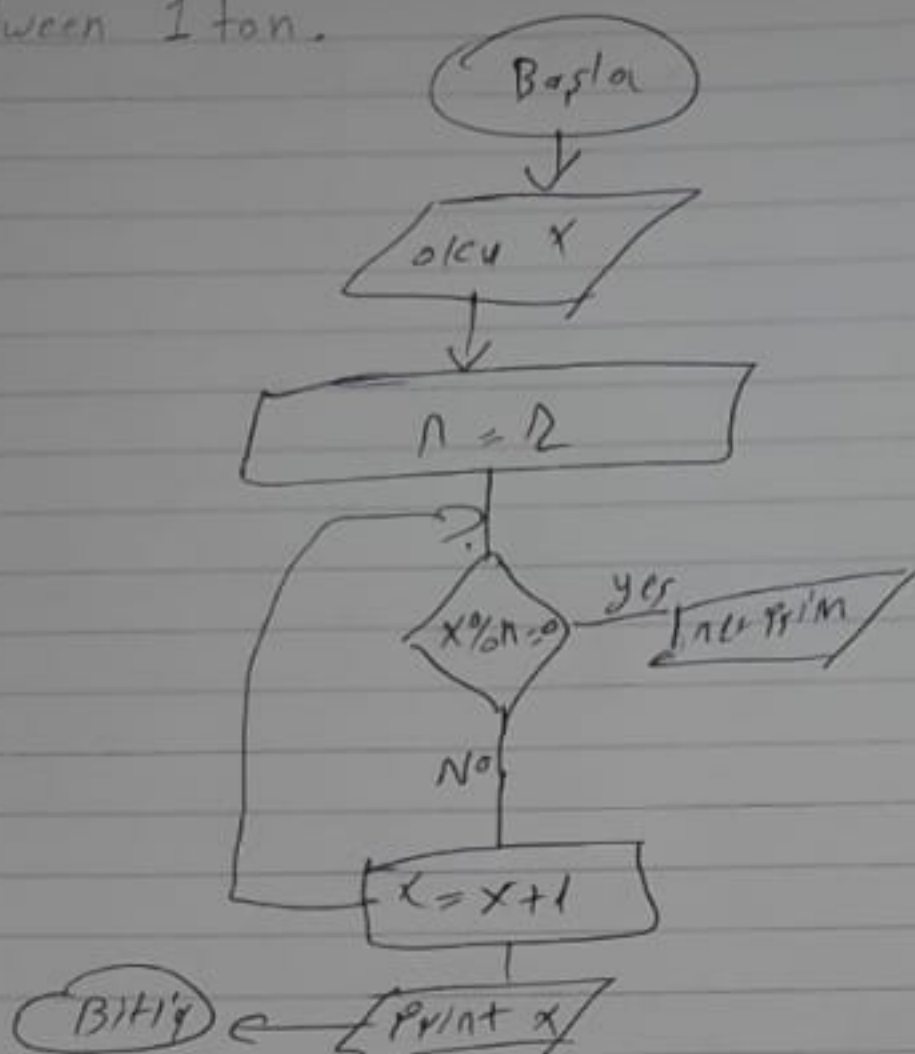


30 Write an algorithm and draw a flowchart to calculate 2^4

36 Draw a flowchart to find LCM of two numbers.



32 Draw a Flowchart to print all prime numbers between 1 to n.

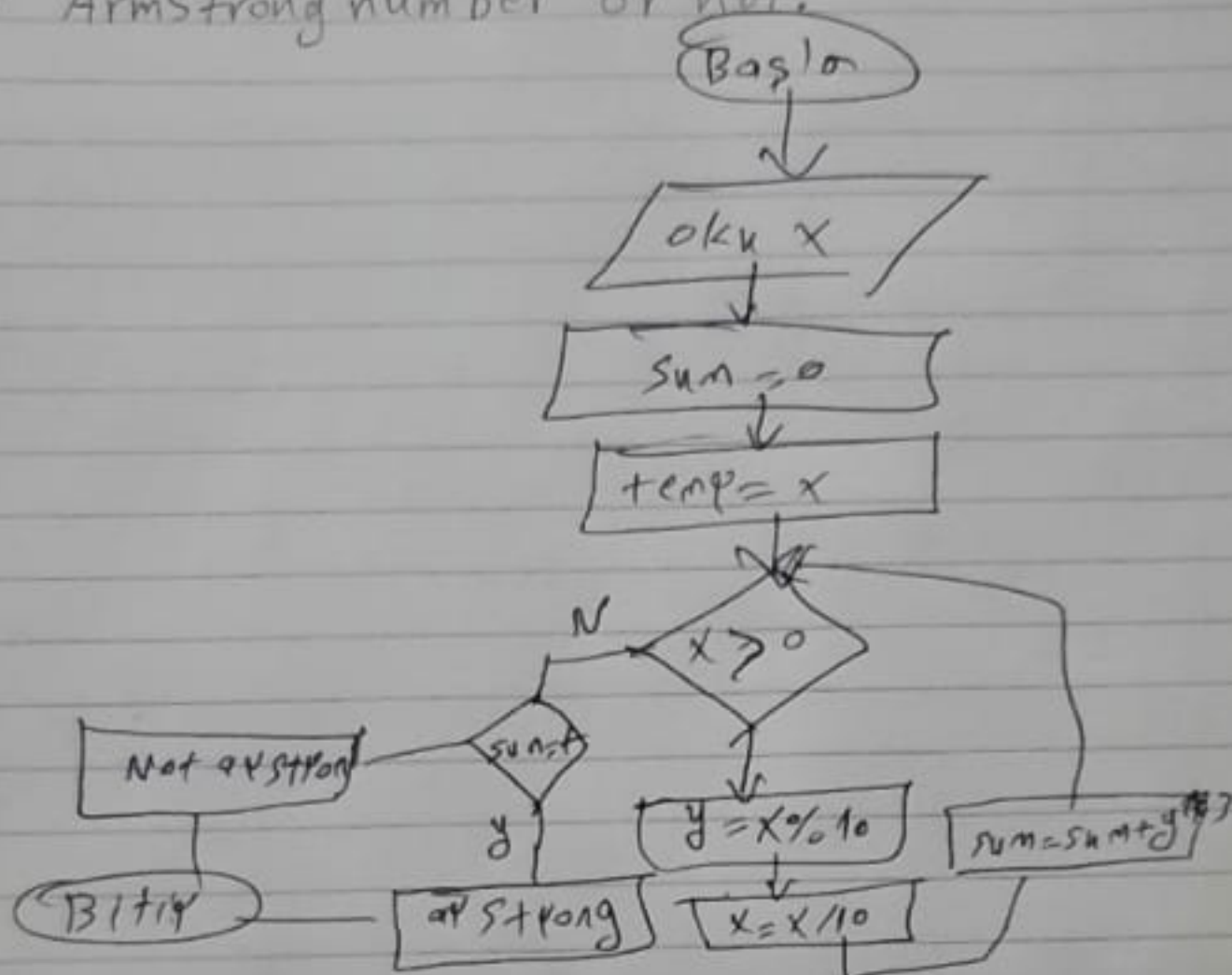


33 Draw a flowchart to find sum of all prime numbers between 1 to n.

38 Draw a flow chart to check Whether a num
is Strong num or not.

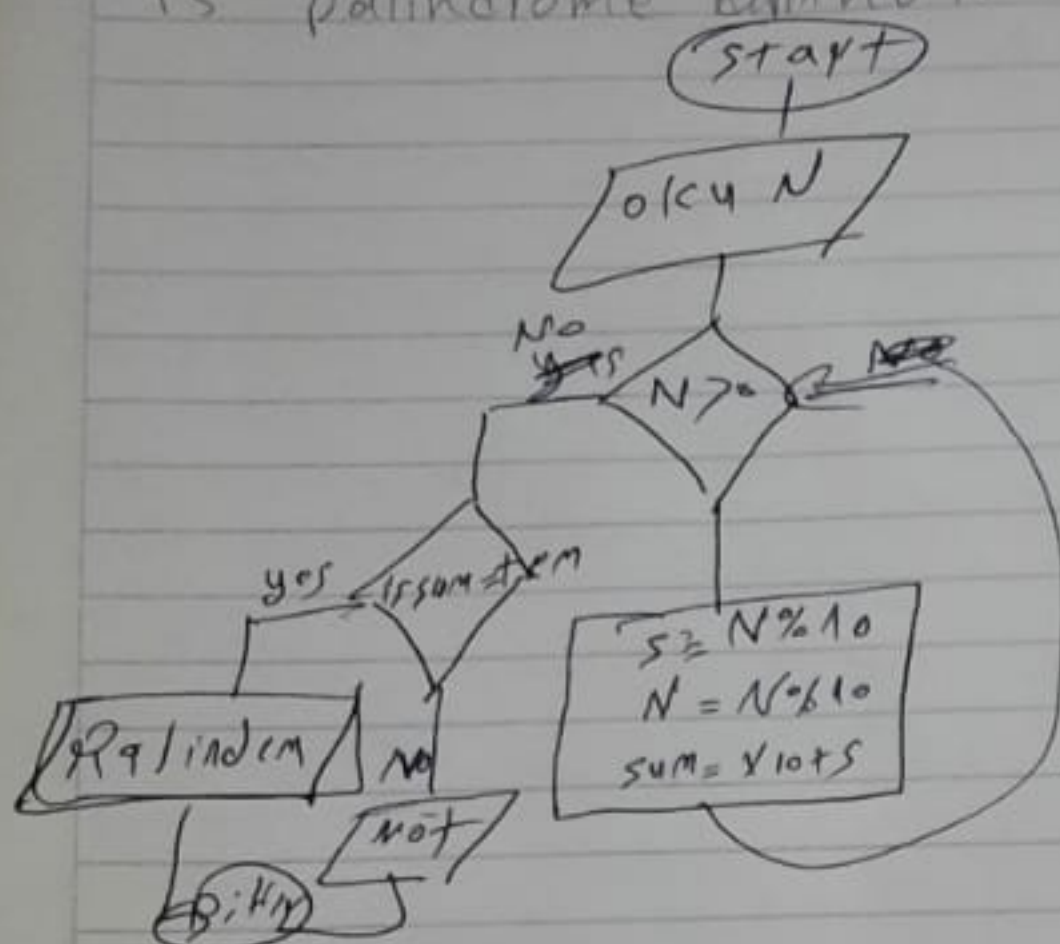
39 Draw a flow chart to print all strong numbers
between 1 to n

34) Draw a flowchart to check whether a number is Armstrong number or not.



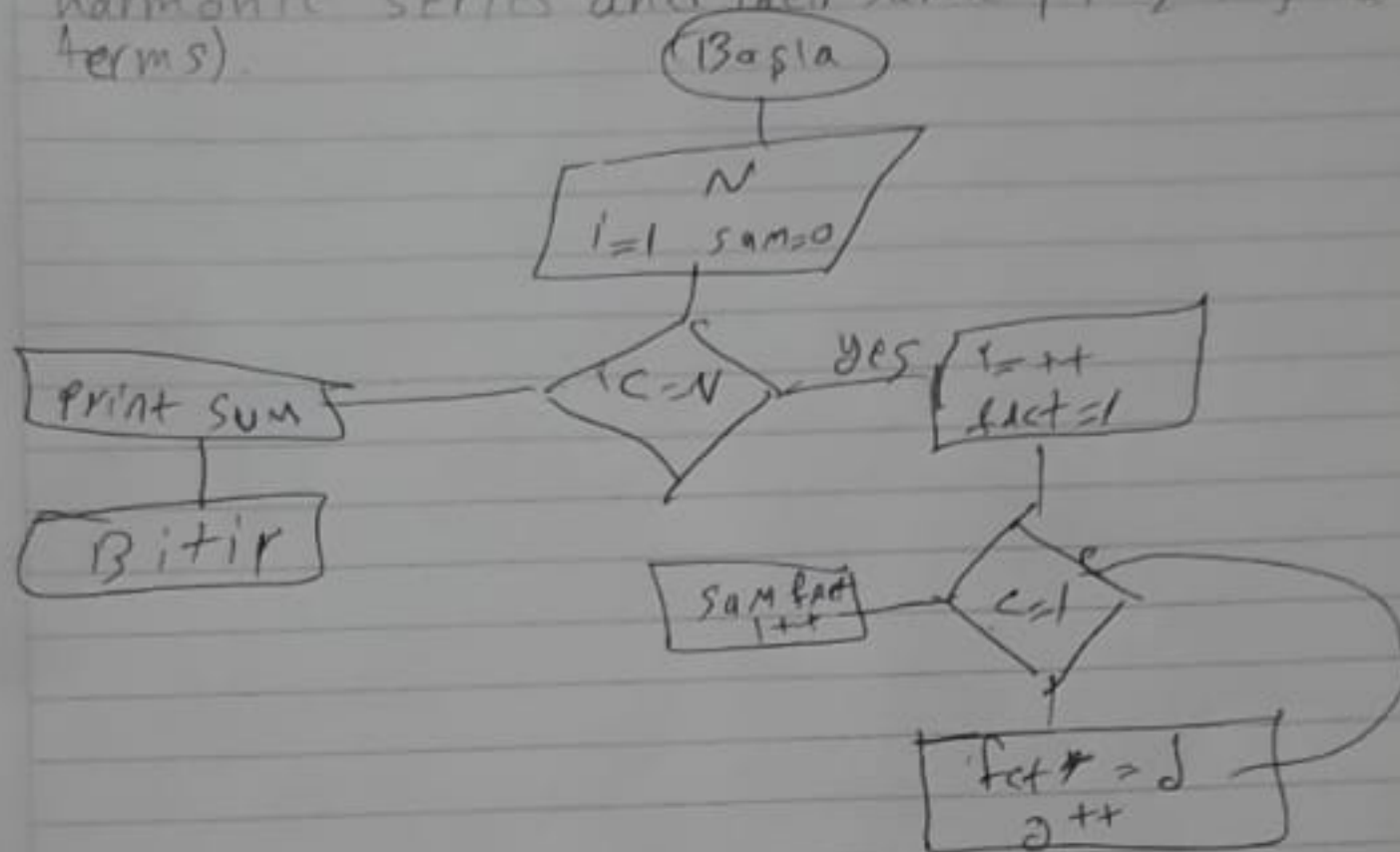
35) Draw a flow chart to print all number between 1 to n.

40 Draw a flowchart to check whether a num is palindrome or not.



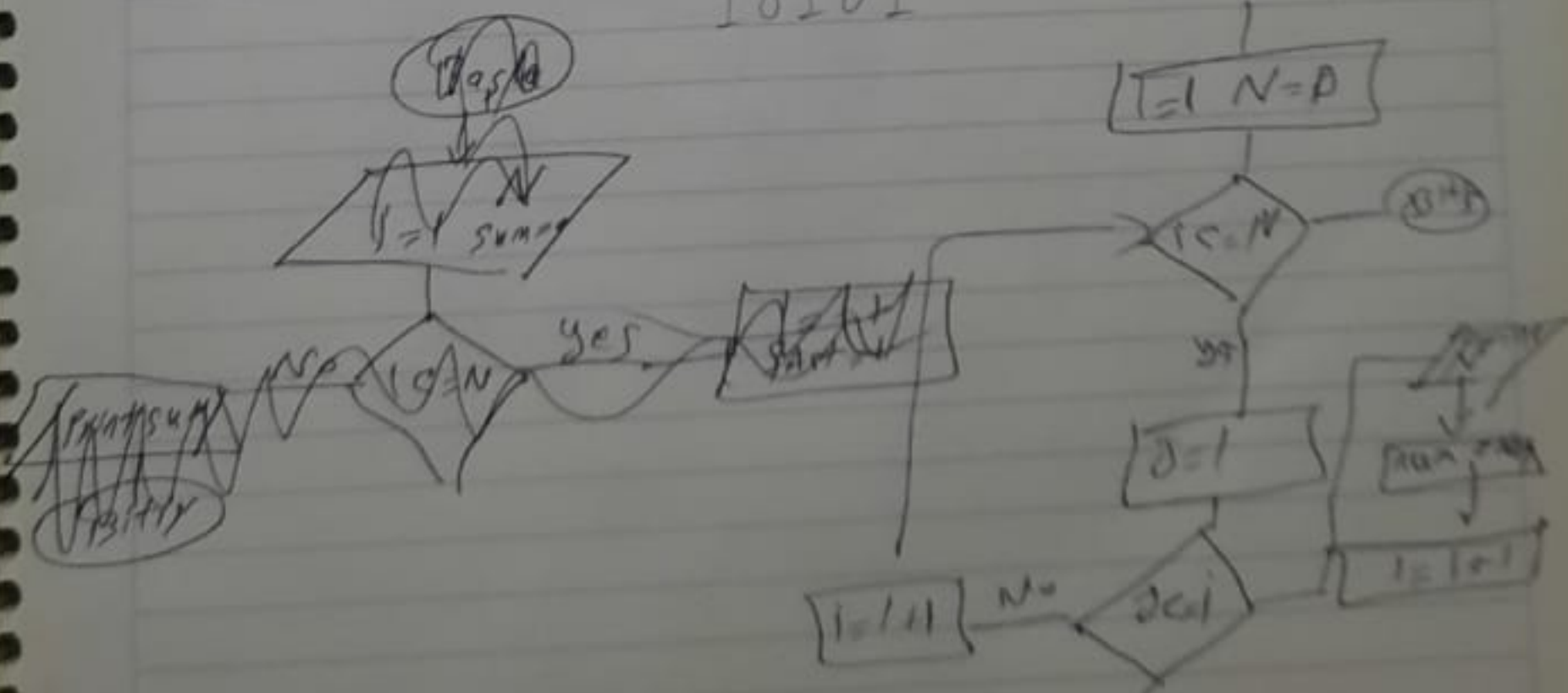
41 Draw a flowchart to find the sum of the series $[1 - x^{12/2!} + x^{14/4!} - \dots]$.

42. Draw a flowchart to display the n term of harmonic series and their sum. ($\frac{1}{1} + \frac{1}{2} + \frac{1}{3} + \dots + \frac{1}{n}$ terms).



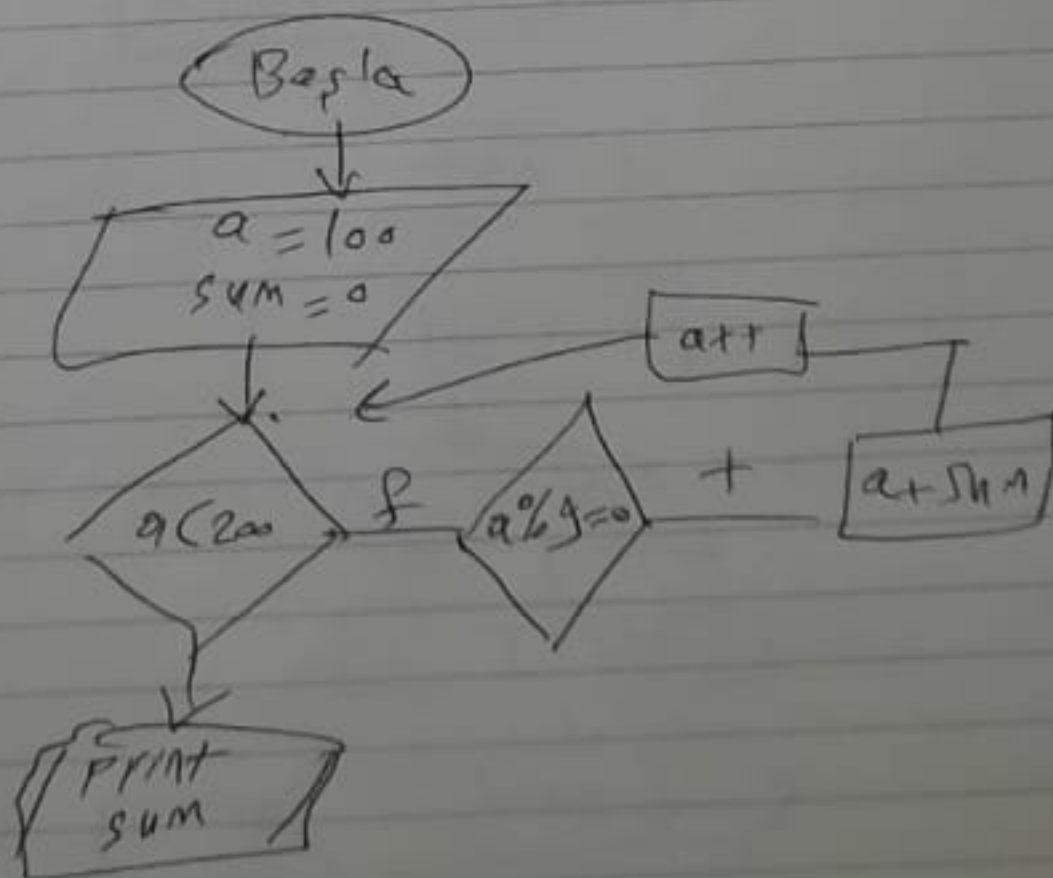
43. Draw a flowchart to print the Floyd's Triangle.

1
01
101
0101
10101



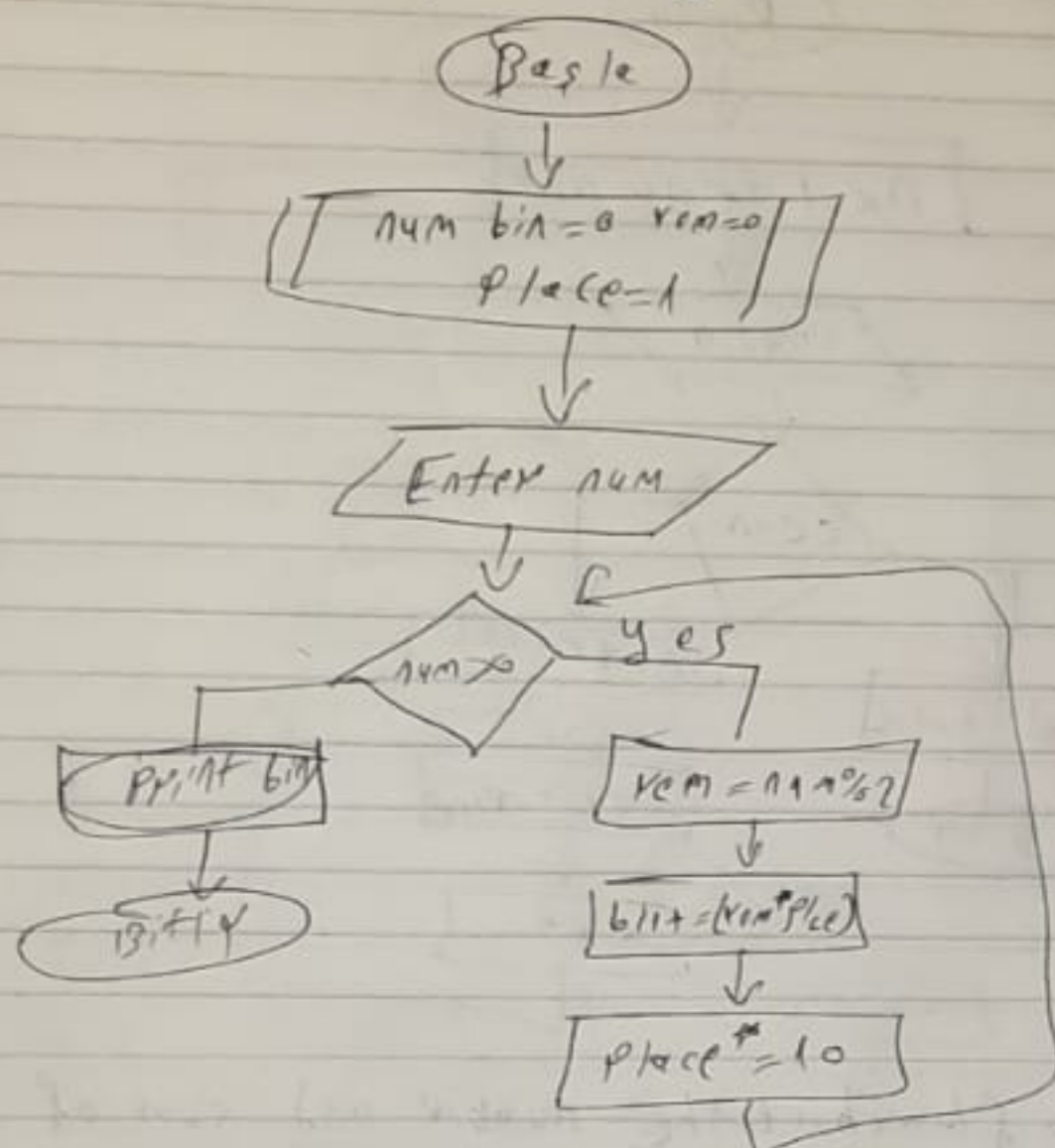
46 Draw flowchart to find the sum of the series. $1 + 11 + 111 + 1111 + \dots$

47 Draw a flow chart to find the number and sum of all integer between 100 and 200 which are divisible by.



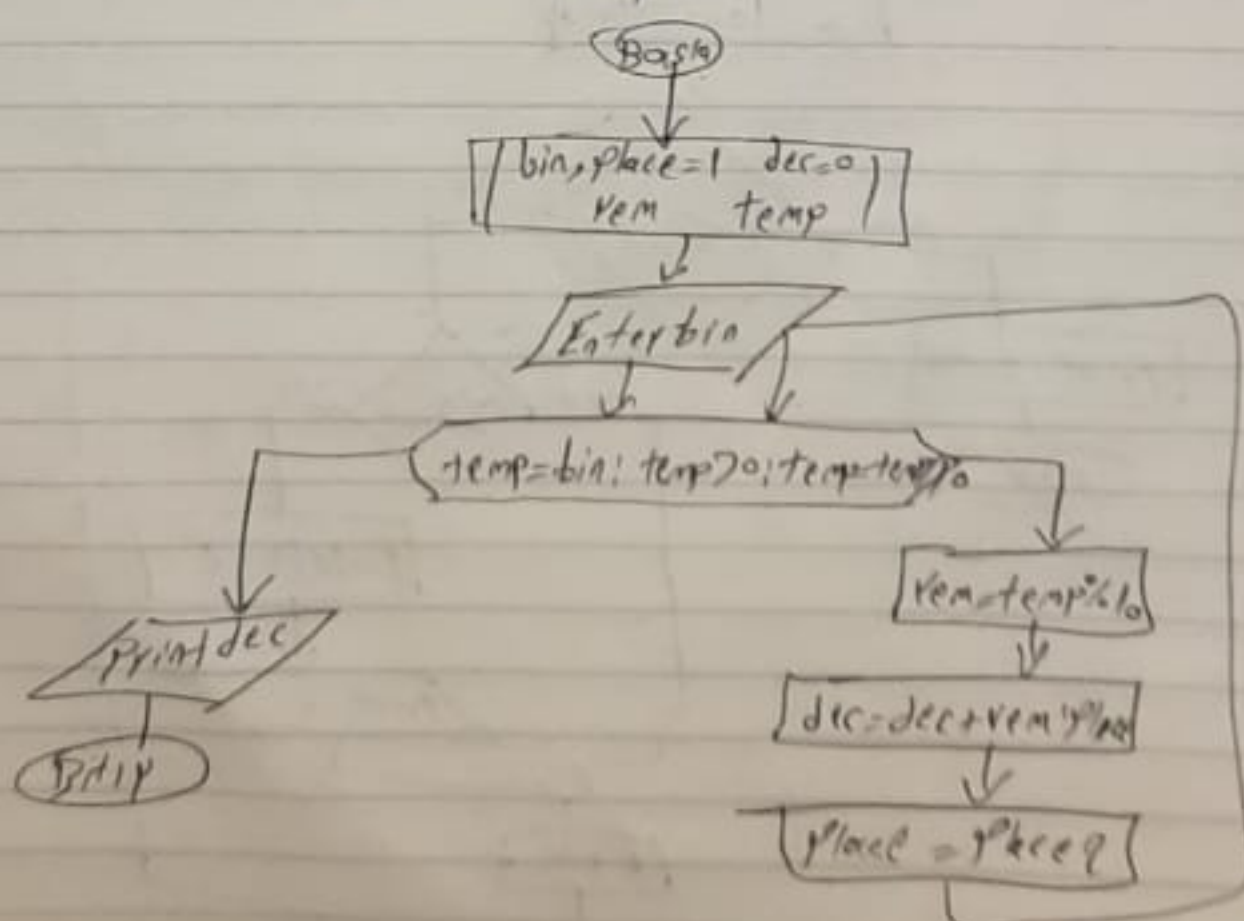
(23)

Draw a flowchart to convert a decimal number into binary without using an array



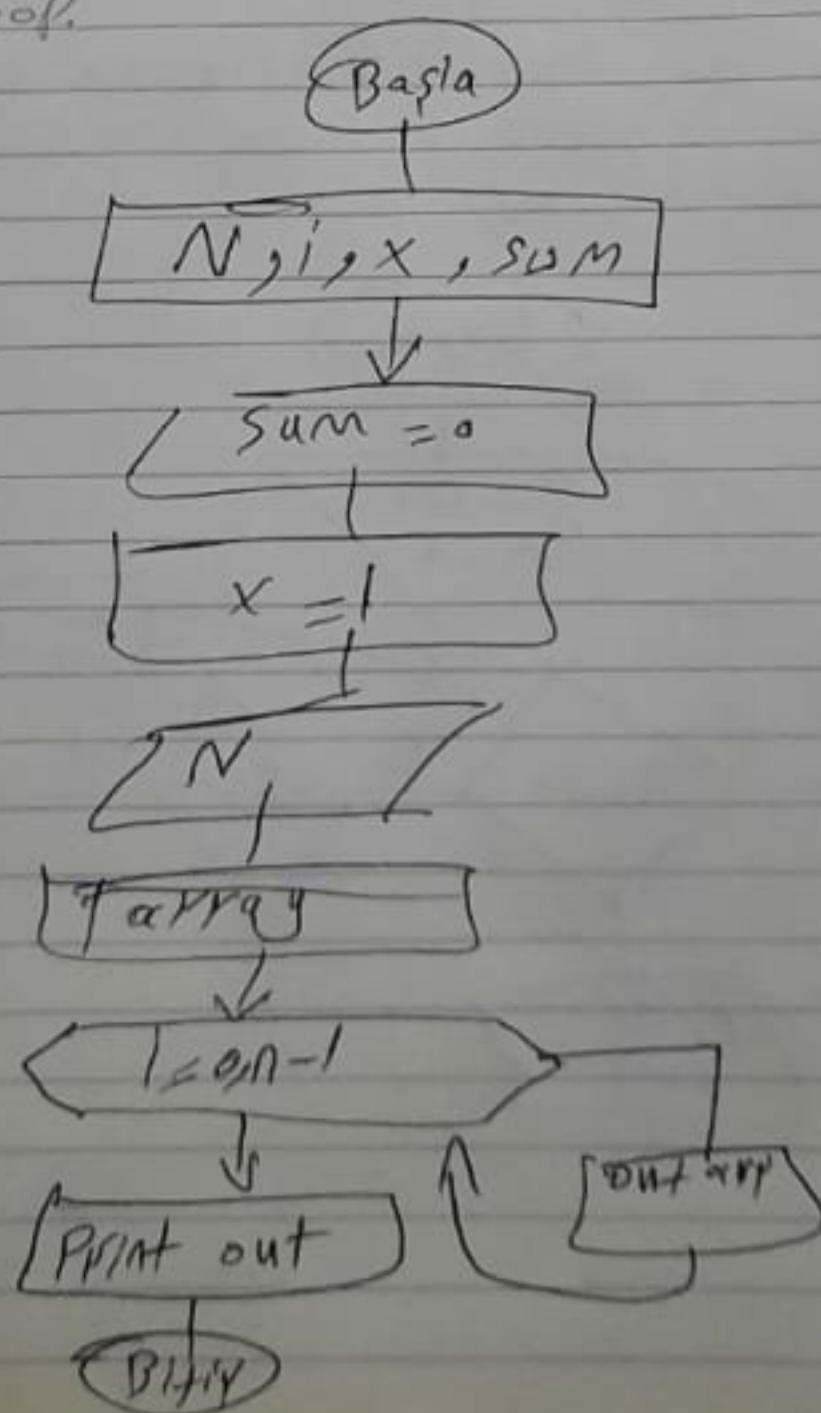
(24)

Draw a flowchart to convert a binary number into a decimal number without using array function and while loop

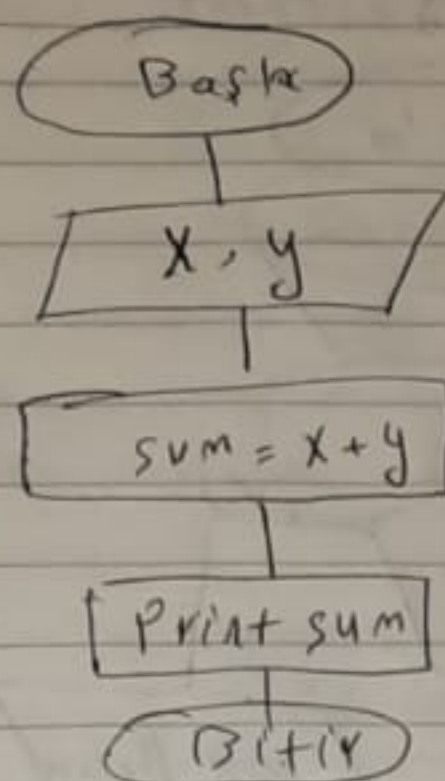


Q8 Draw a flow chart to convert a decimal num into binary without using an array.

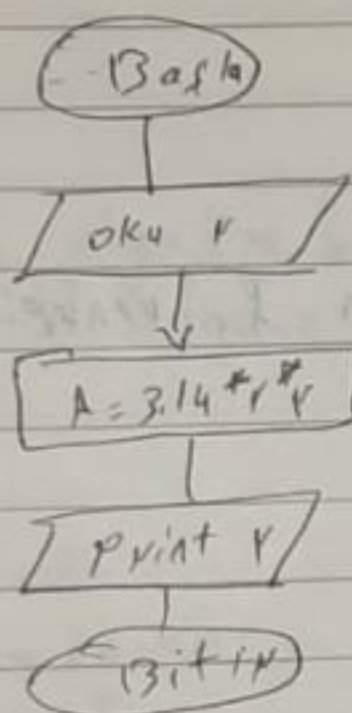
Q84. Draw a flow chart to convert a binary num into a decimal num without using array, function and while loop.



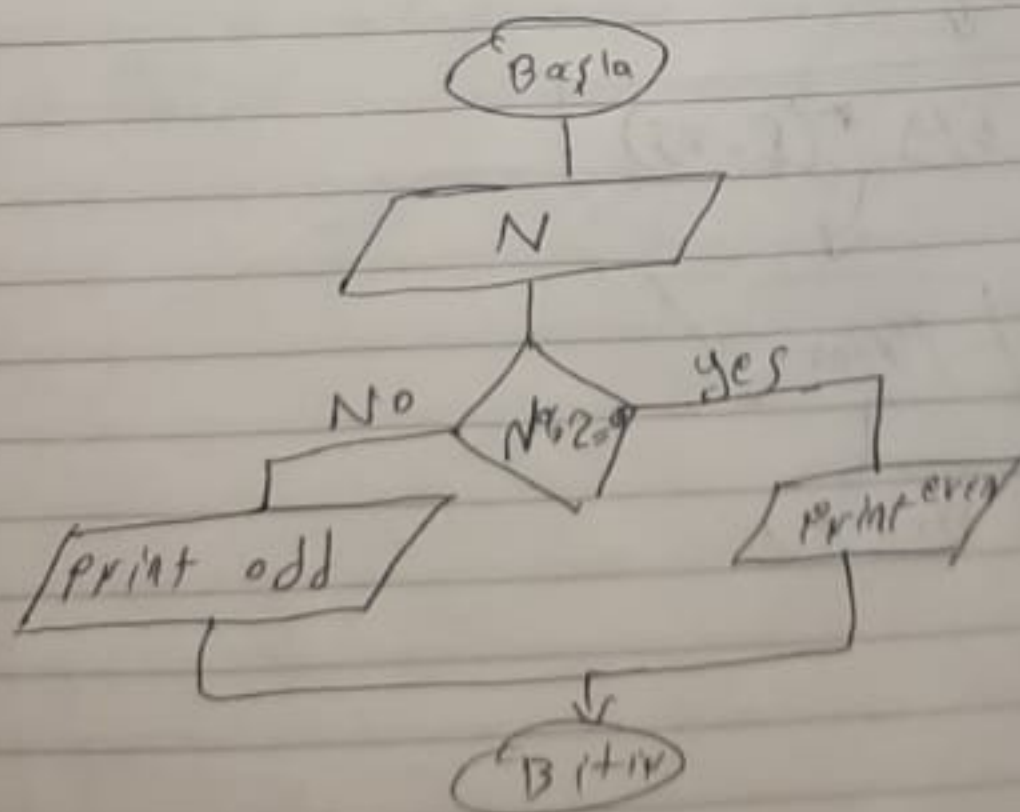
1- Draw a flowchart to add numbers entered by user?



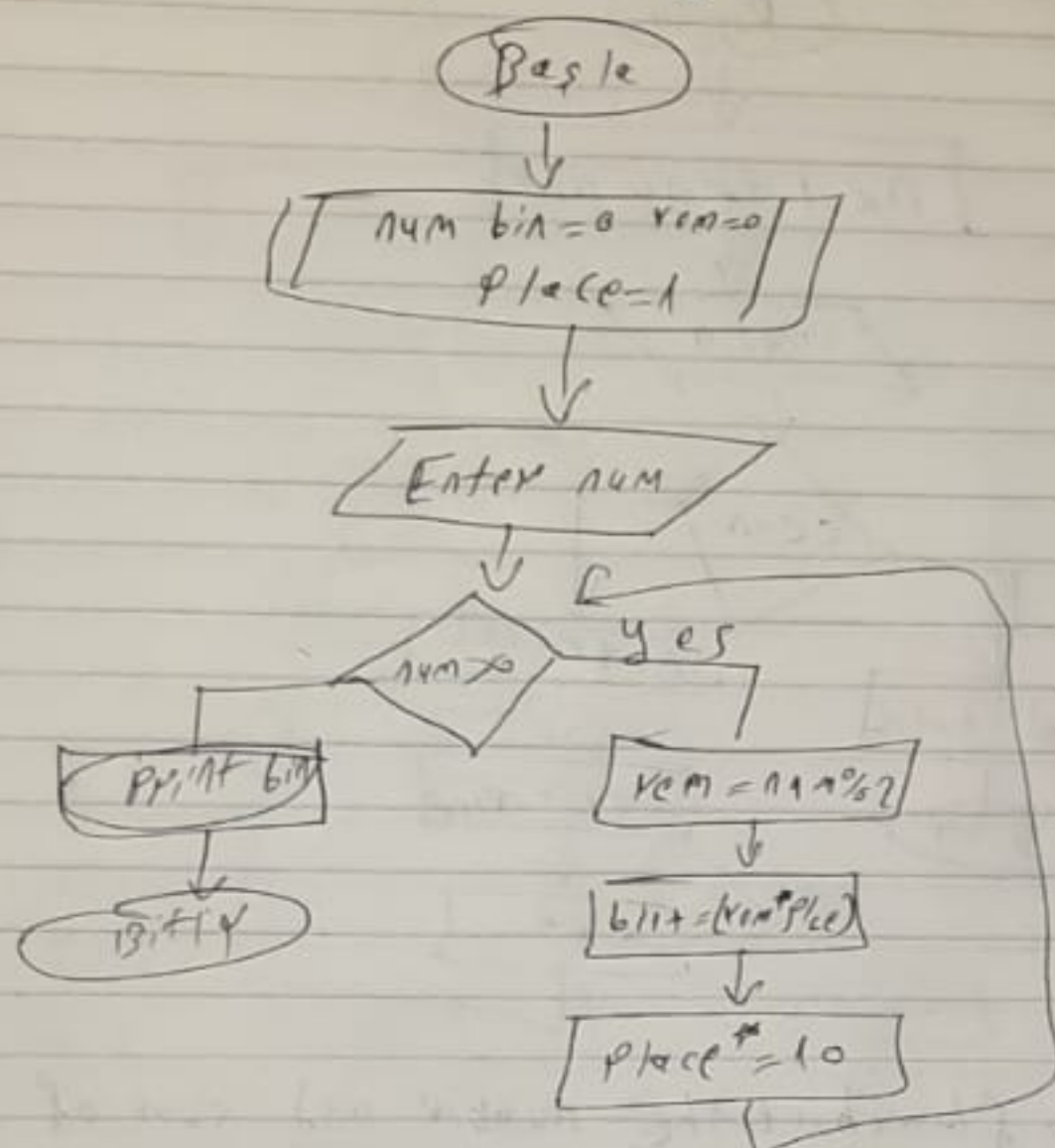
2- Calculate the area of circle with given radius.



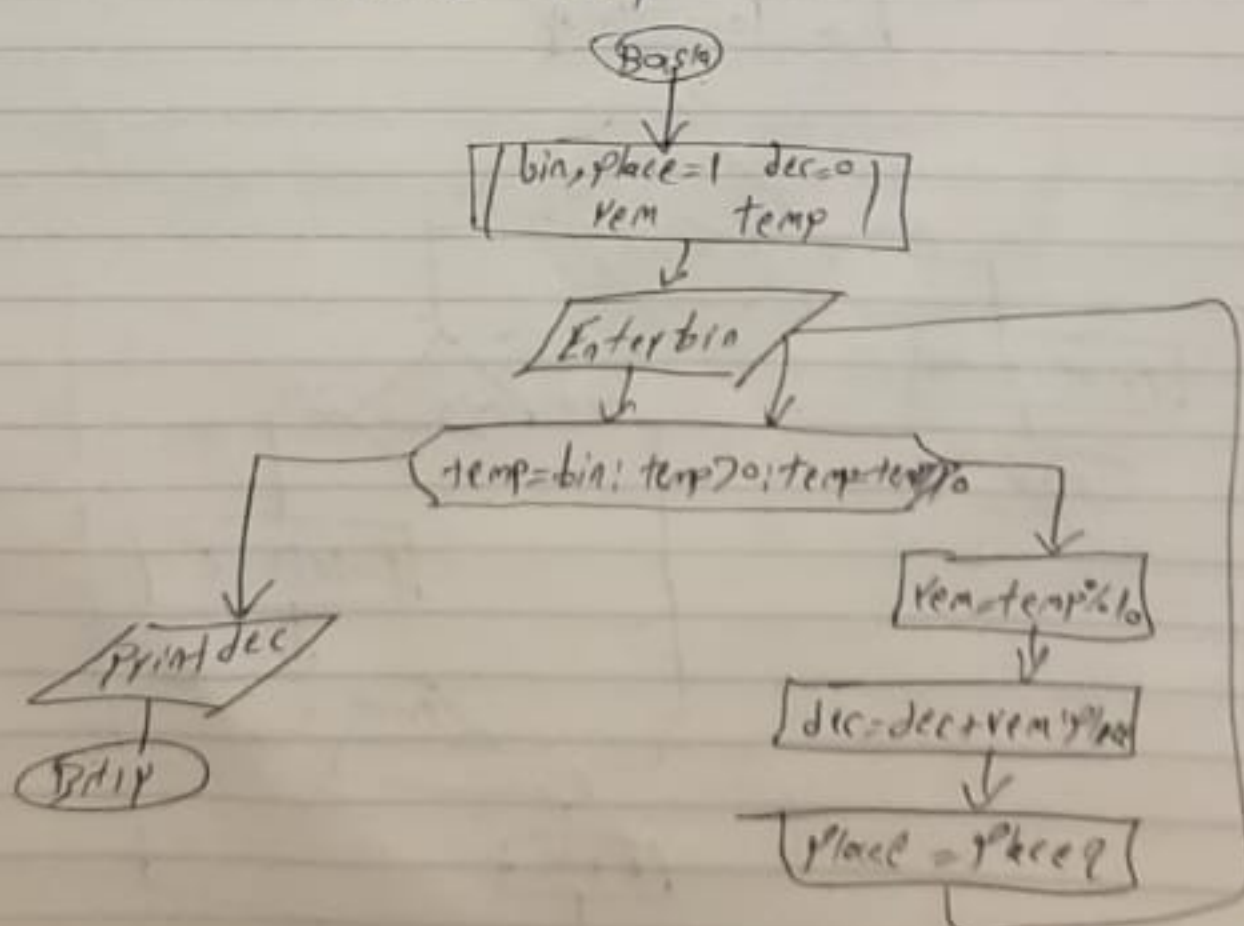
3- Determine and output whether Number N is Even or odd.



(23) Draw a flowchart to convert a decimal number into binary without using an array



(24) Draw a flowchart to convert a binary number into a decimal number without using array function and while loop



12) Algor

Write an algorithm and draw flowchart count and print numbers from Low to High steps of step
Test with Low=0 and High=100 and step=5

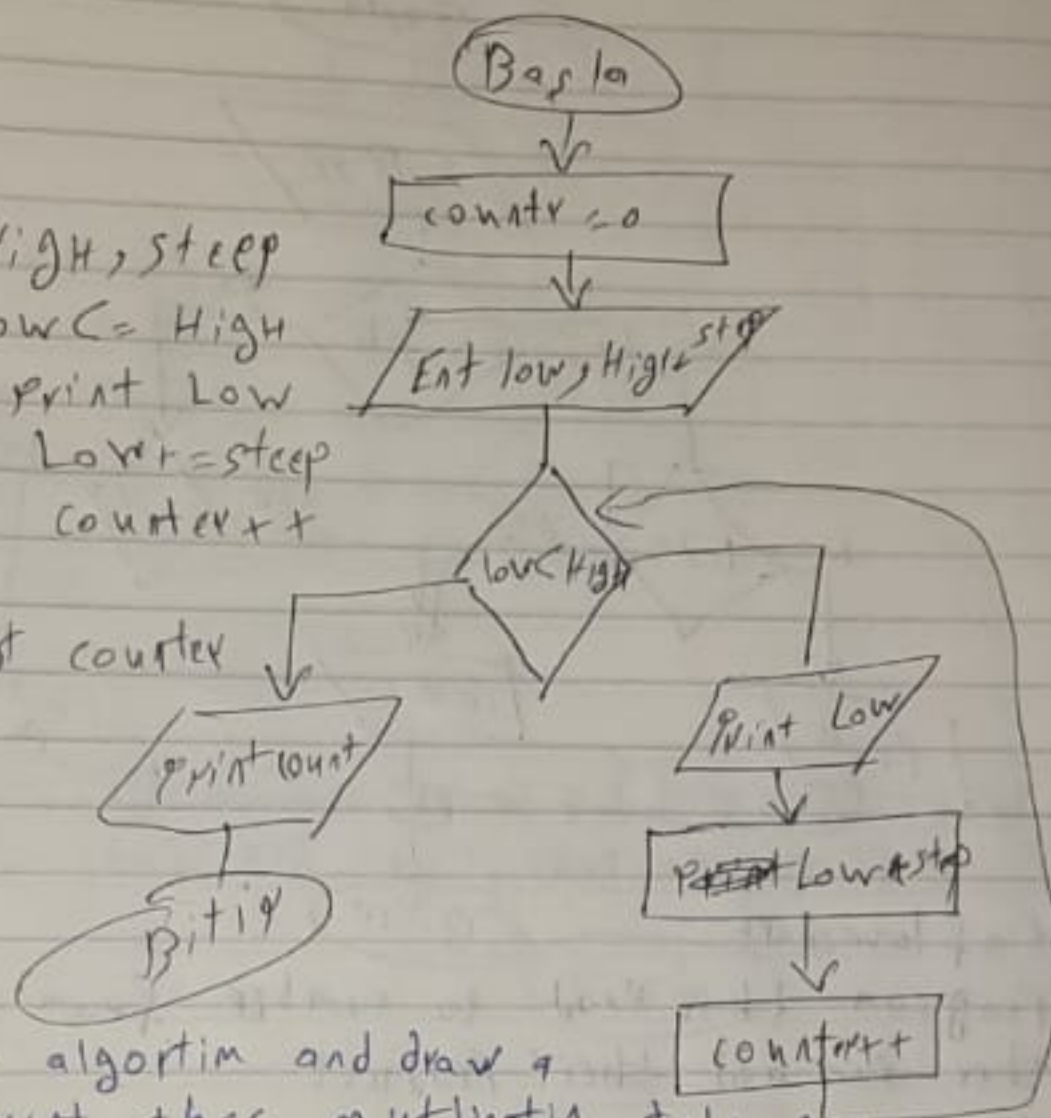
- 1) Başla
- 2) count = 0

3) Ent Low, High, step

- 4) If Low <= High
Print Low
Low = Low + step
count++

else
Print count

- 5) Bitir



13) Algor write an algorithm and draw a flowchart to print the multiplication table for 6s

