Q-1(a) Print even numbers between 0 and 99

Algorithm:-

Step:1 - Start.

Step:2 - I = 0.

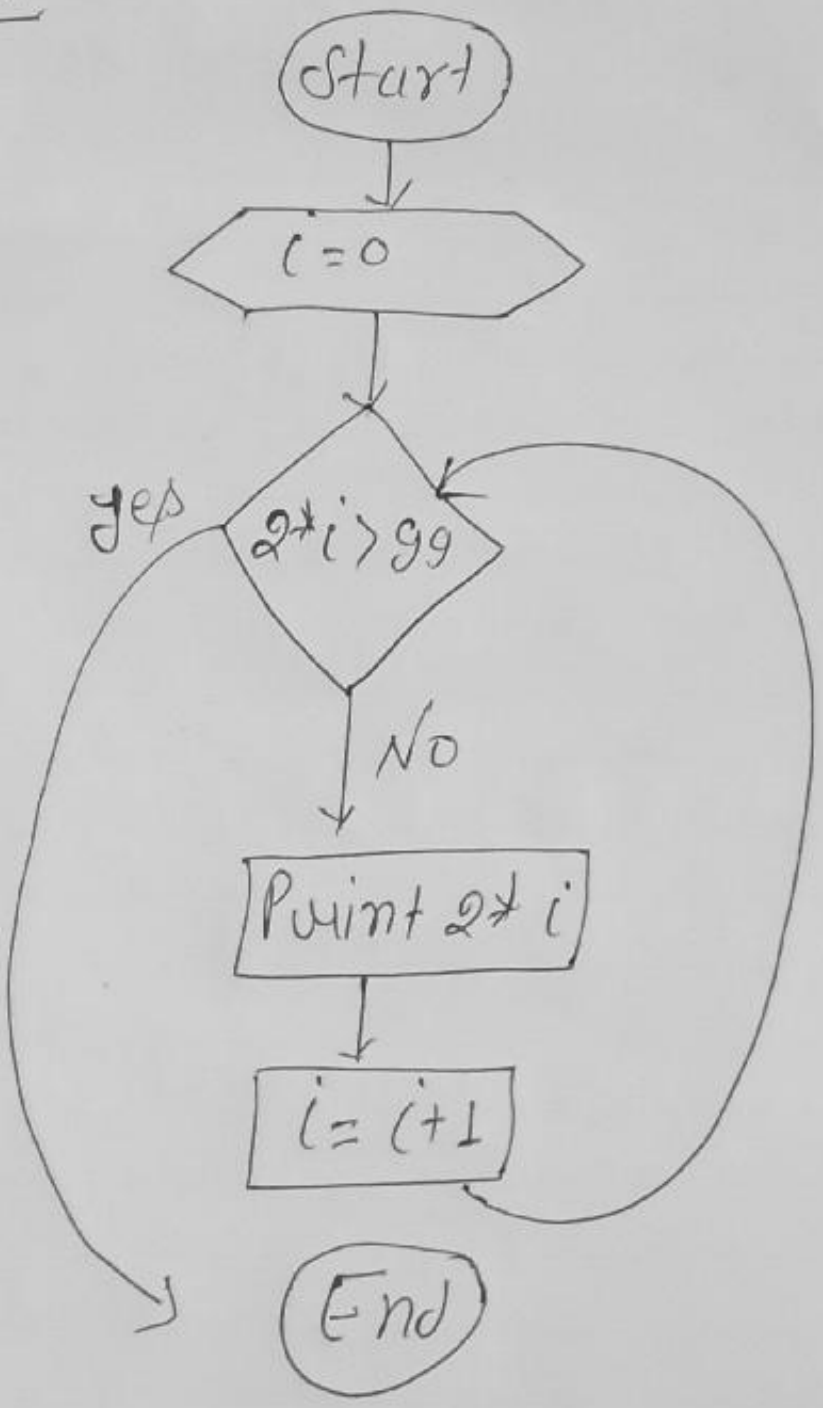
Step:3 - Accept the numbers.

Step:4 - while (it i=0, i<99, i++)
if (i%2 == 0)

Step:5 - print values

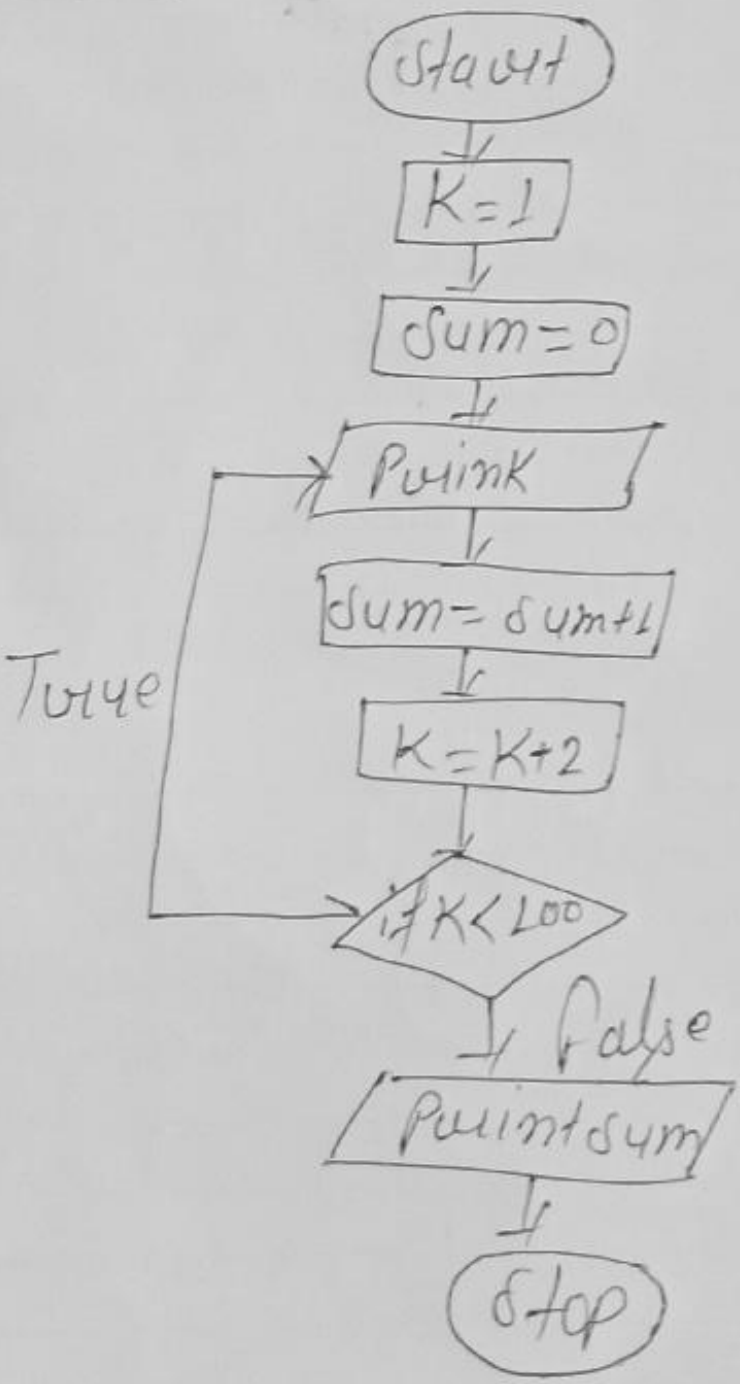
step:6 - End

Flowchart :



Q-1(b) Print odd numbers less than a given number. It should also caculate their Sum and count.

Flowchart :

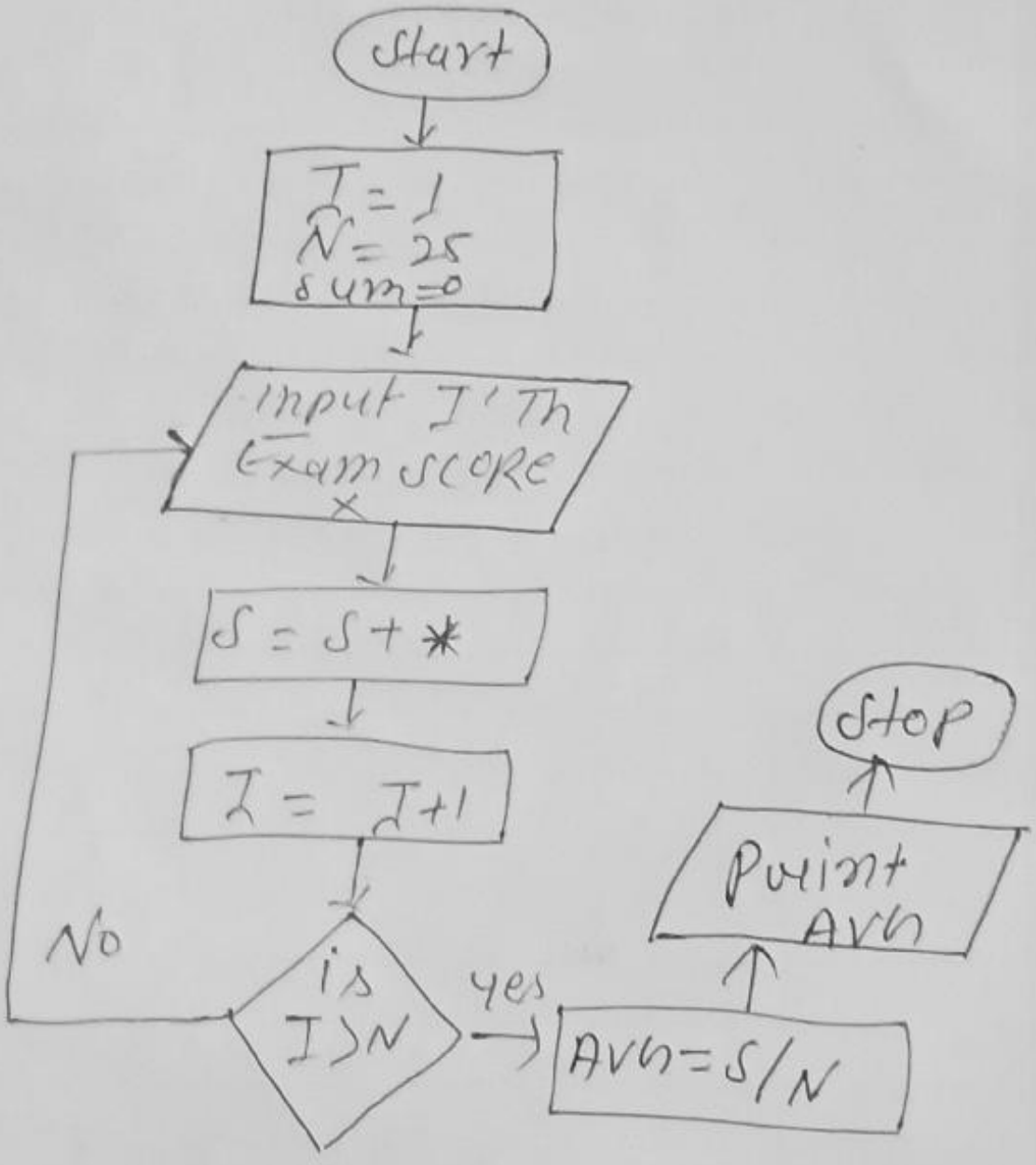


Q-1(i) Calculate the average of 25 test scores.

Algo :-

Start
1- sum = 0
2- C = 0
3- Read x
4- sum = sum + x
5- C = C+1
6- C = 25
7- A = S/C
8- P+L
End

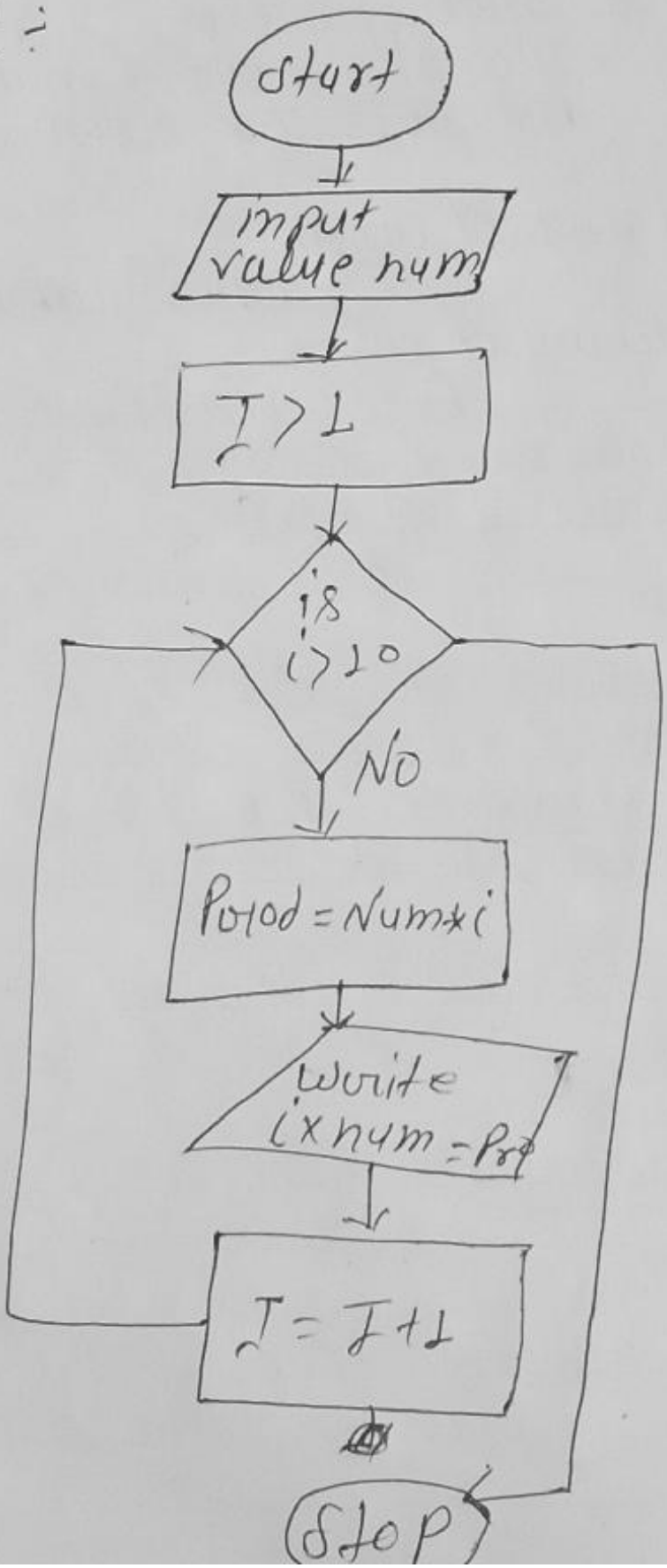
Filowchart


Start
I = 1
N = 25
sum = 0
input I'Th
Exam SCORE
S = S + *
I = I + 1
No
is
I > N
yes
AVG = S/N
Print
AVG
Stop

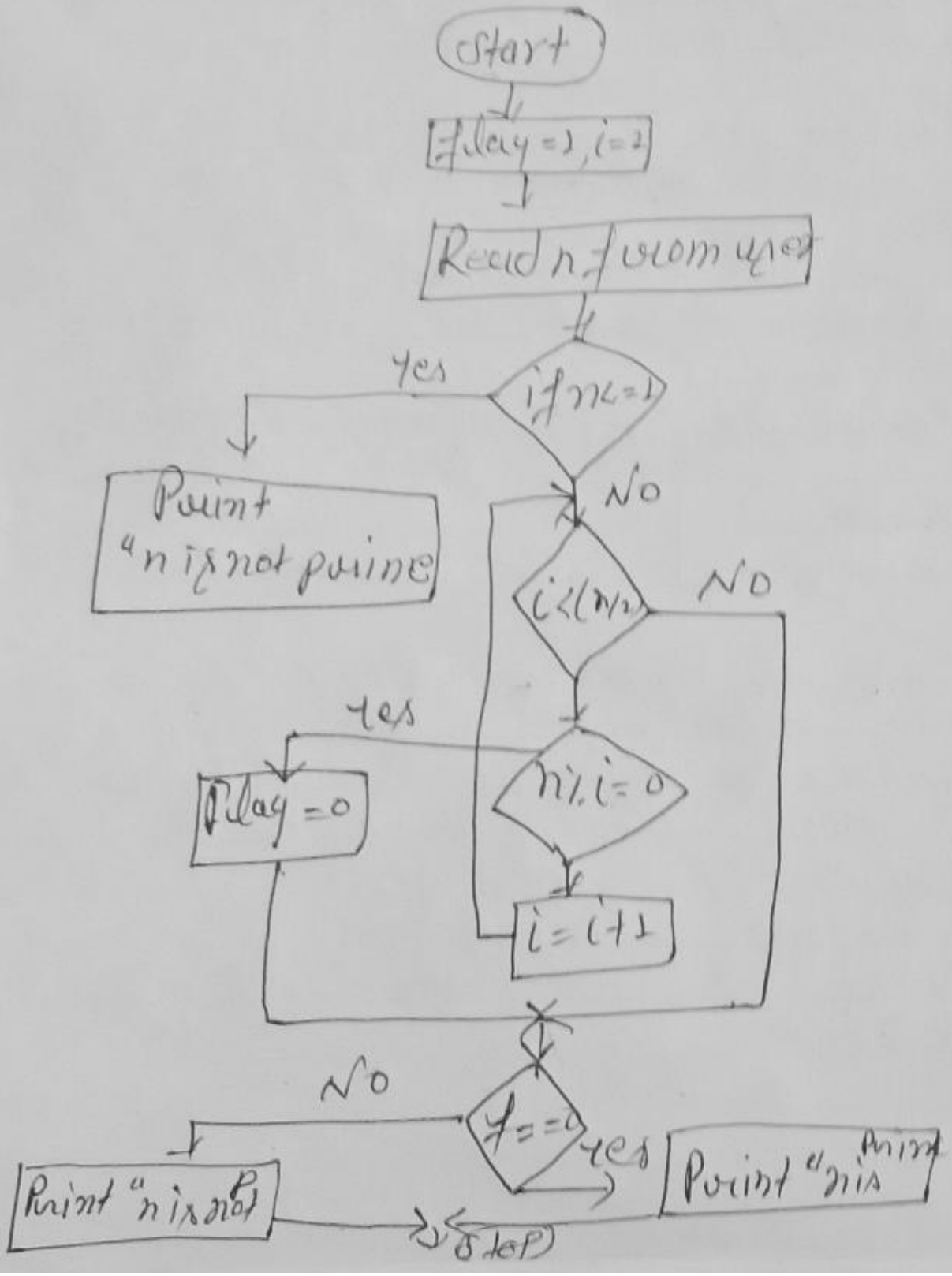
Q-1(d) Print table of any number?

Step-1 Start.
step-2 input value of Num.
step-3 I=1.
Step-4 if (I>10) Then Goto step 9.
step-5 Prod = num * I.
step-6 I * Num = Product.
step-7 I = I+1.
step-8 Goto step-4.
step-9 stop.

flow chart :-


start
input value num
I > 1
is i > 10
NO
Prod = Num * i
write i x num = Prod
I = I + 1
stop

6-1 (e) Check if the given number is prime or not.



Algo :-

Step-1: Start

Step:2: Initialise variables num, j, flag = 1,

Step: 3 Read num from user

Step: 4 if num <= 1 (num is not prime num)

Step: 5 j < [[n/2) + 1]
Set flag = 0
Goto step = 6
j = j + 1

Step: 6 if flag == 0
Display num + " is not prime number
Else
Display num + nis prime number

Step: 7 - Stop

Q.1(J) Print odd number backward 99 to 1

flowchart →