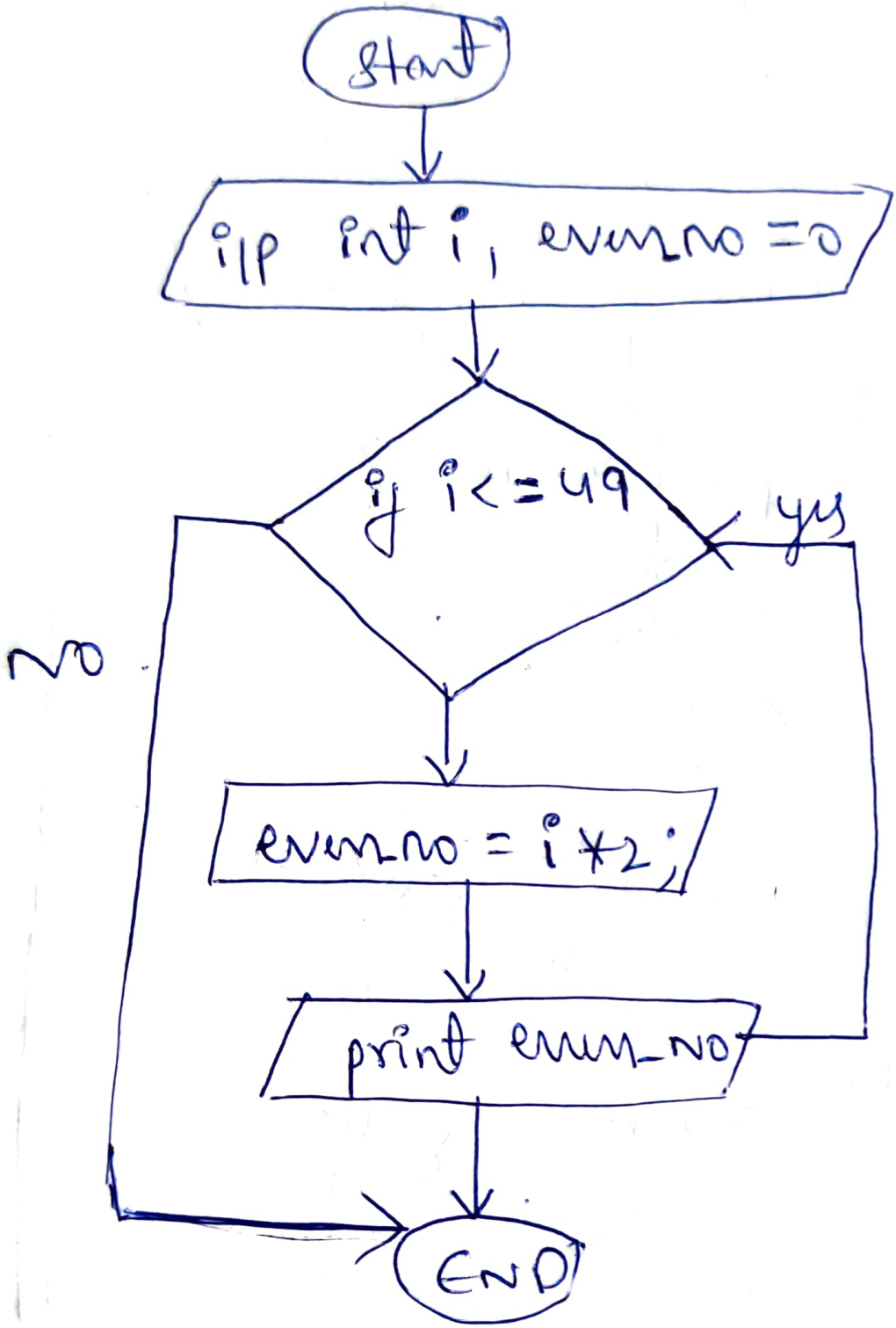
Assignment - 2

(1) print even numbers b/w 0 to 99.



① Algorithm.

② Step 1: Start

Step 2: take two variable int i, even_no=0

Step 3: Read number's

Step 4: if i less than equal to 49

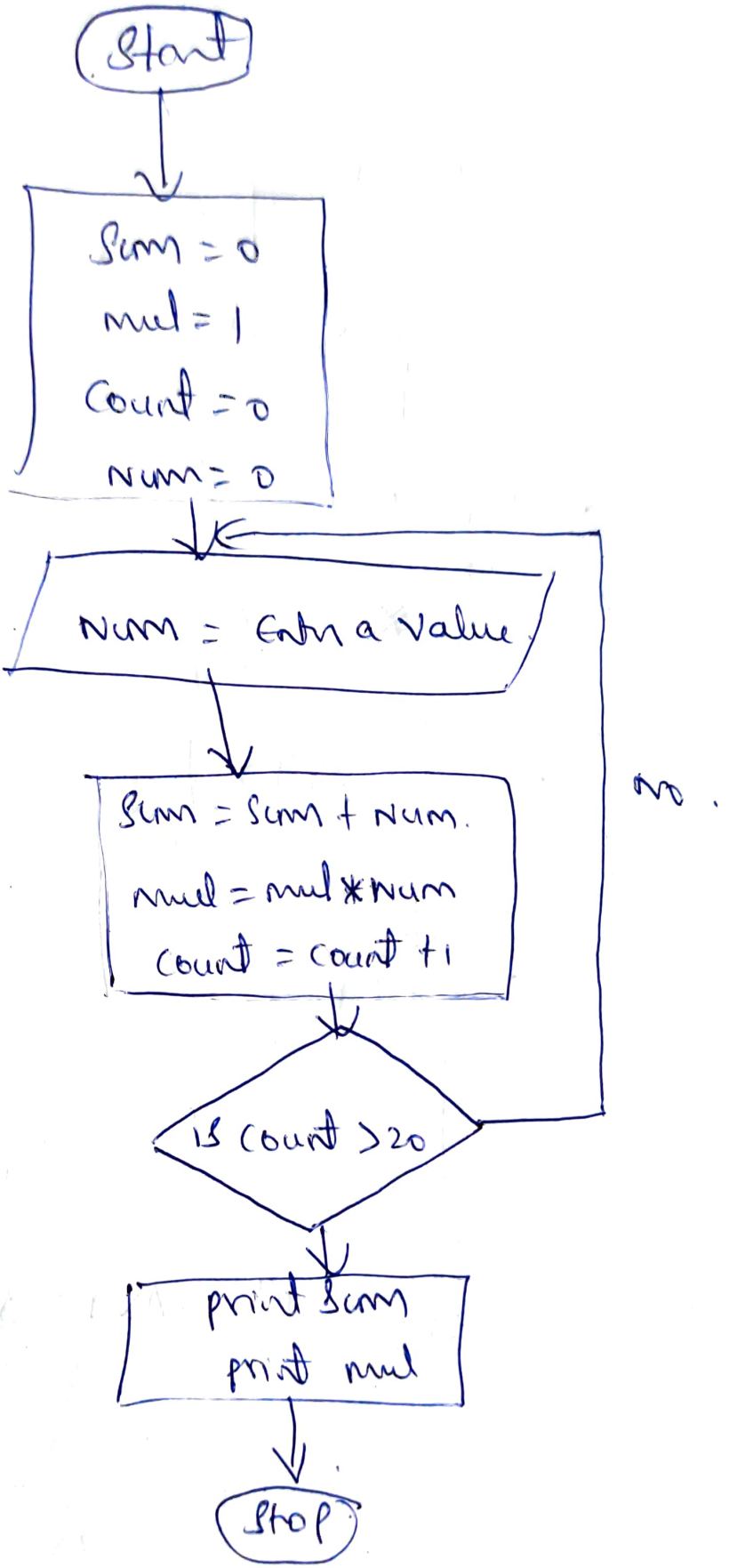
Step 5: loop will goes untill 49.

Step 6: even_no = i*2;

Step 7: if not go to Step 6.

Step 8: print the even_no, check i<=49.

(b)


Start
Sum = 0
mul = 1
Count = 0
Num = 0
Num = Enter a Value
Sum = Sum + Num.
mul = mul * Num
Count = Count + 1
No.
Is Count > 20
print Sum
print mul
Stop

(b) Step1 : start

Step2 :- Take a 4 variable sum, mul, count, num

Step3 : Read the value (60) number.

Step4 : if count is greater than 20.

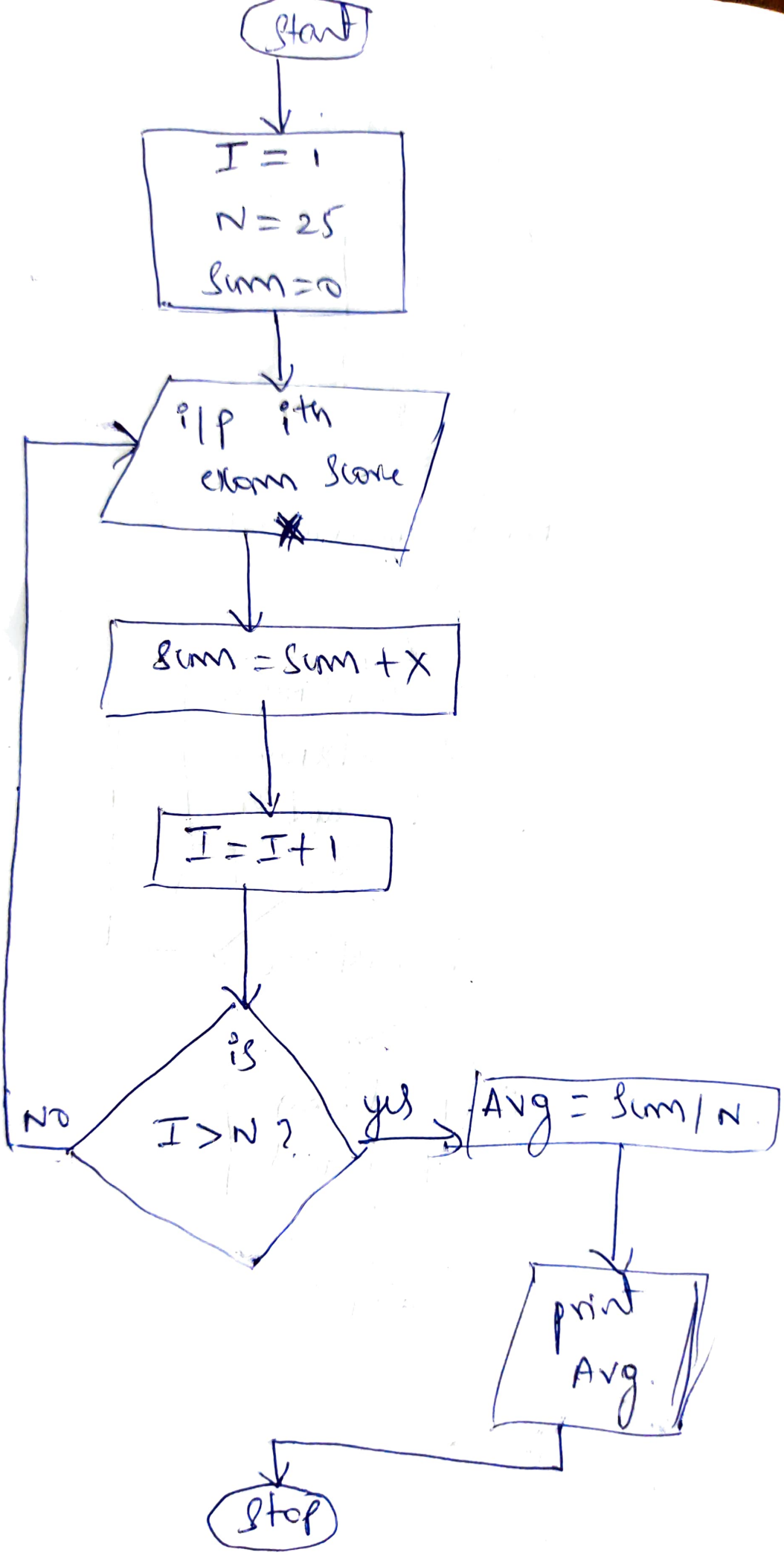
Step5 : sum equal to sum plus num.
mul equal mul into num.
count equal count plus 1

Step6 :- Repeat Step3 until it becomes count > 20.

Step7 : print sum
print mul.

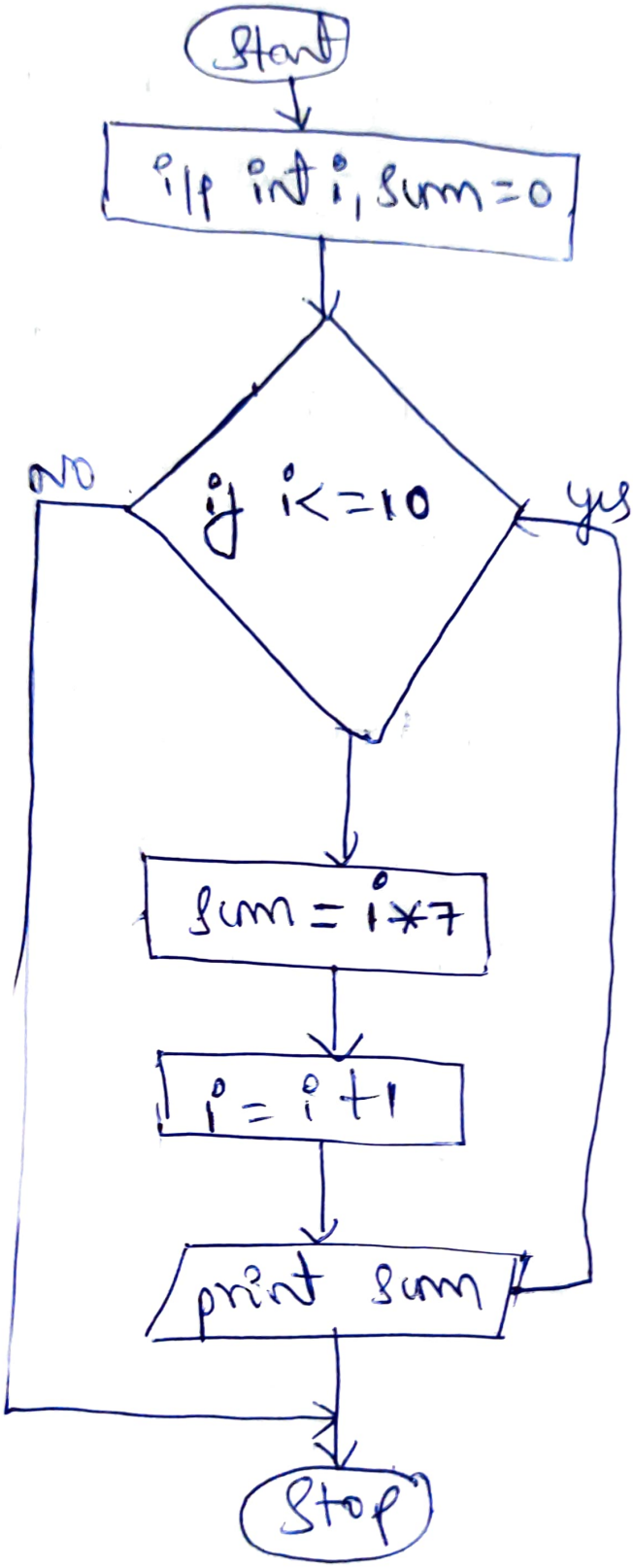
Step8 : Stop.

(c)


Start
I = 1
N = 25
Sum = 0
i/p ith exam Score
Sum = Sum + X
I = I + 1
is I > N ?
No
yes
Avg = Sum / N
print Avg
Stop

(d) print table of any number N (say 7)

700
1950
1600
2000



(d) Algorithm:

Step 1:- Start

Step 2: take a variable i, Sum = 0.

Step 3: for i = 1 to 10. (i <= 10).

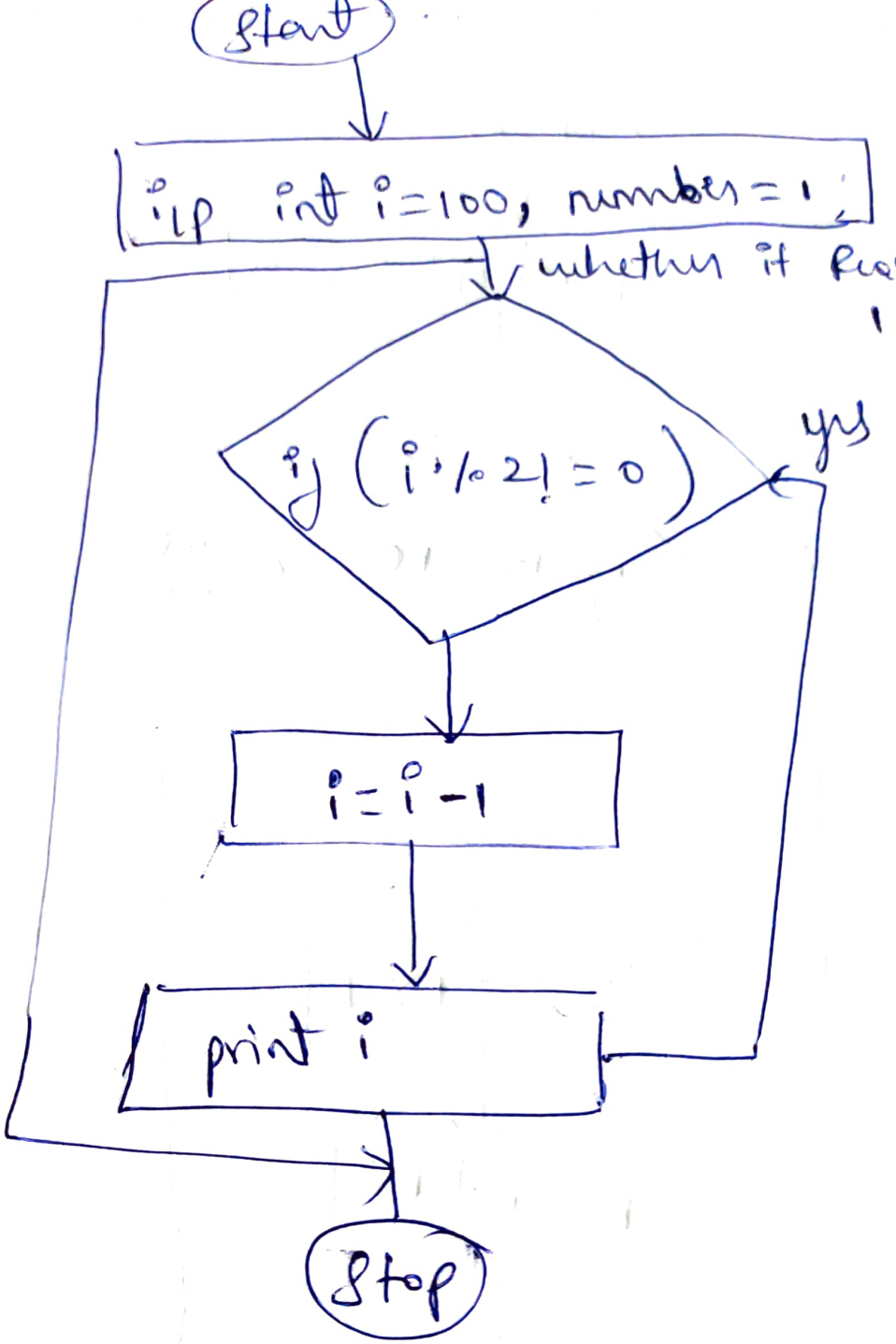
Step 4: ~~print~~ Sum equal to i into 7. The number 7 which multiplication table is to be printed.

Step 5: i = i + 1

Step 6: print Sum until step 3 ~~becomes~~ becomes i = 10.

Step 7: Stop.

(2)


Start
i/p int i=100, number=1
whether it Reaches 99 to
1 number
if (i%2!=0)
yes
i=i-1
print i
Stop

(f) Algorithm :-

Step 1: Start

Step 2: take a i/p i=100, number = 1

Step 3: if (i %. by 2 equal to 0)

Step 4: i equal's to i minus 1

Step 5: print i, Repeat step 4 until it becomes 1

Step 6: Stop.