

ASSIGNMENT NO.1

➤ Write the algorithm and draw the flow charts of the following.

✚ Find the average of three number A, B, C

a) Find the average of three number a, b and c.

⇒ Algorithm

Step 1 : Start

Step 2 : Read the number a

Step 3 : Read the number b

Step 4 : Read the number c

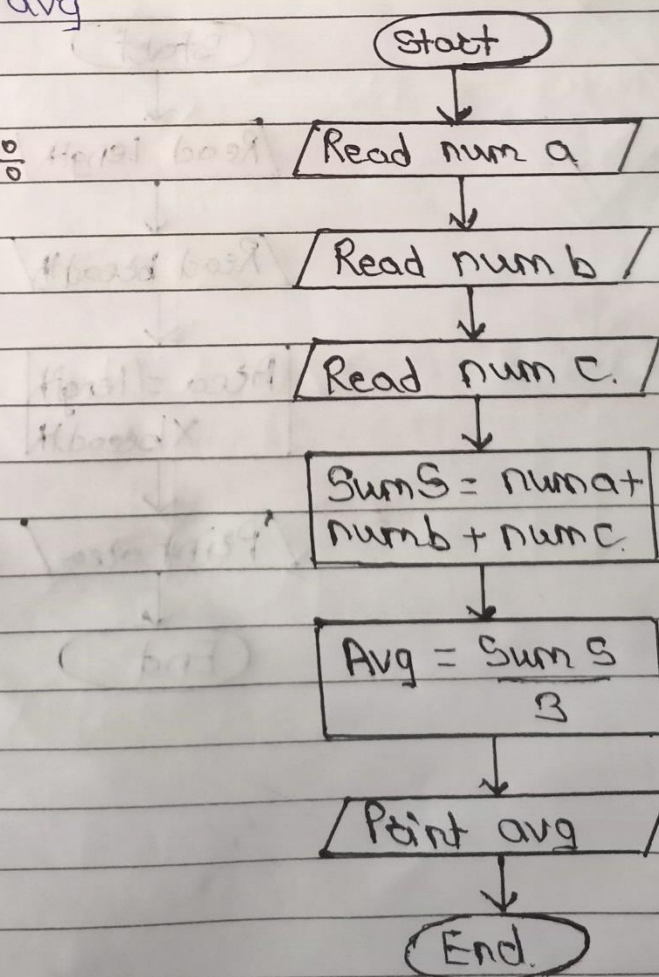
Step 5 : $Sum\ S = num\ a + num\ b + num\ c$

Step 6 : $Avg = Sum\ S / 3$

Step 7 : Print avg

Step 8 : end

⇒ Flow chart



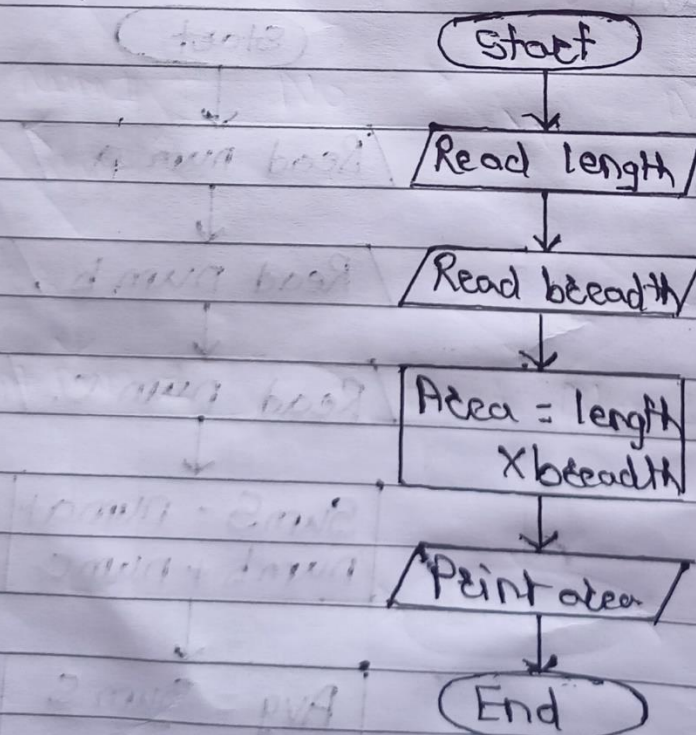
Find the length and breadth of rectangle whose length and breadth are given

b) Find the area of Rectangle whose length and breadth are given.

⇒ Algorithm :

- Step 1 : start
- Step 2 : Read length of Rectangle
- Step 3 : Read breadth of Rectangle
- Step 4 : $\text{Area} = \text{length} \times \text{breadth}$
- Step 5 : Print area
- Step 6 : end.

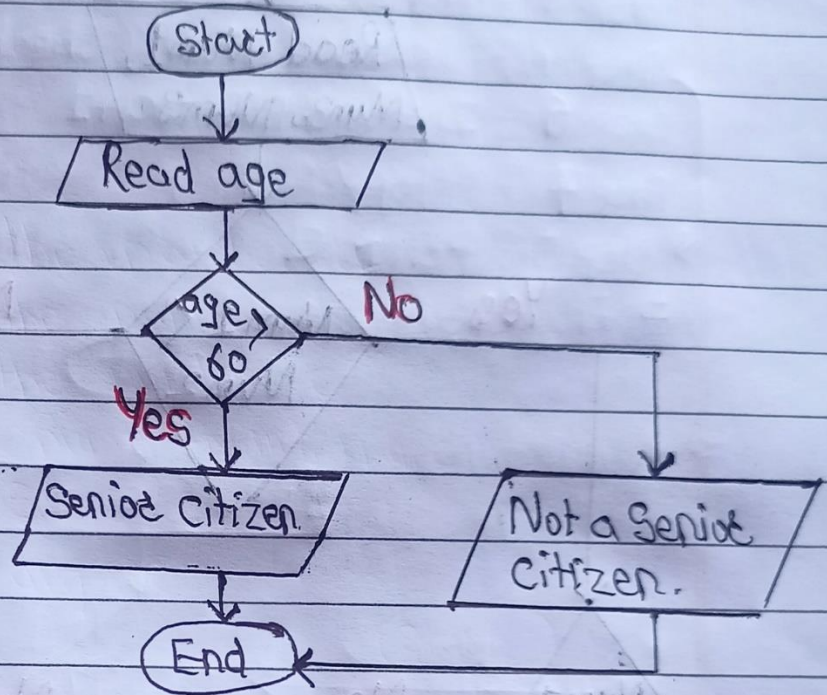
⇒ Flowchart :



✚ Read the age of a person if age is less than 60 then print "not a senior citizen" otherwise print "senior citizen".

a) Read age of person. IF age less than 60 then Print "Not a Senior Citizen" otherwise print "Senior Citizen".

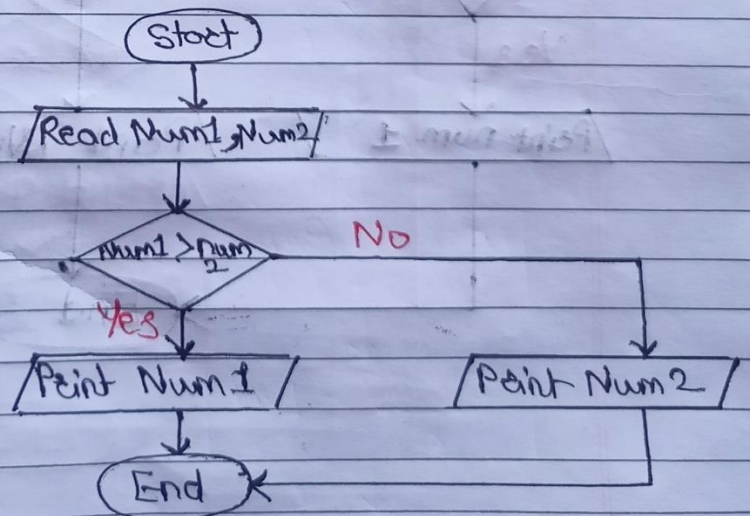
⇒ Flowchart :



Read two numbers and print maximum of 2 numbers.

b) Read the two number & Print the maximum of 2 number.

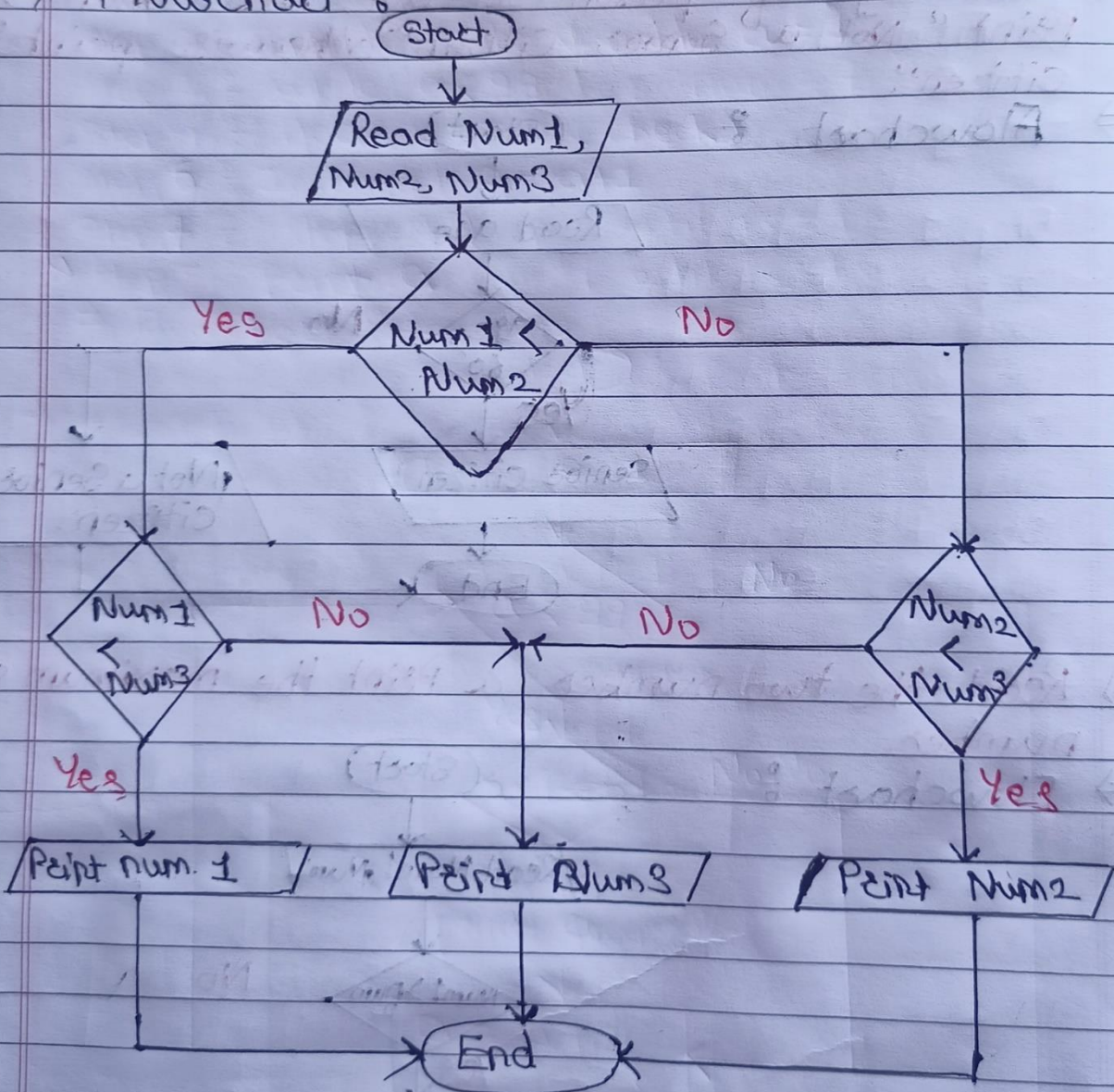
⇒ Flowchart :



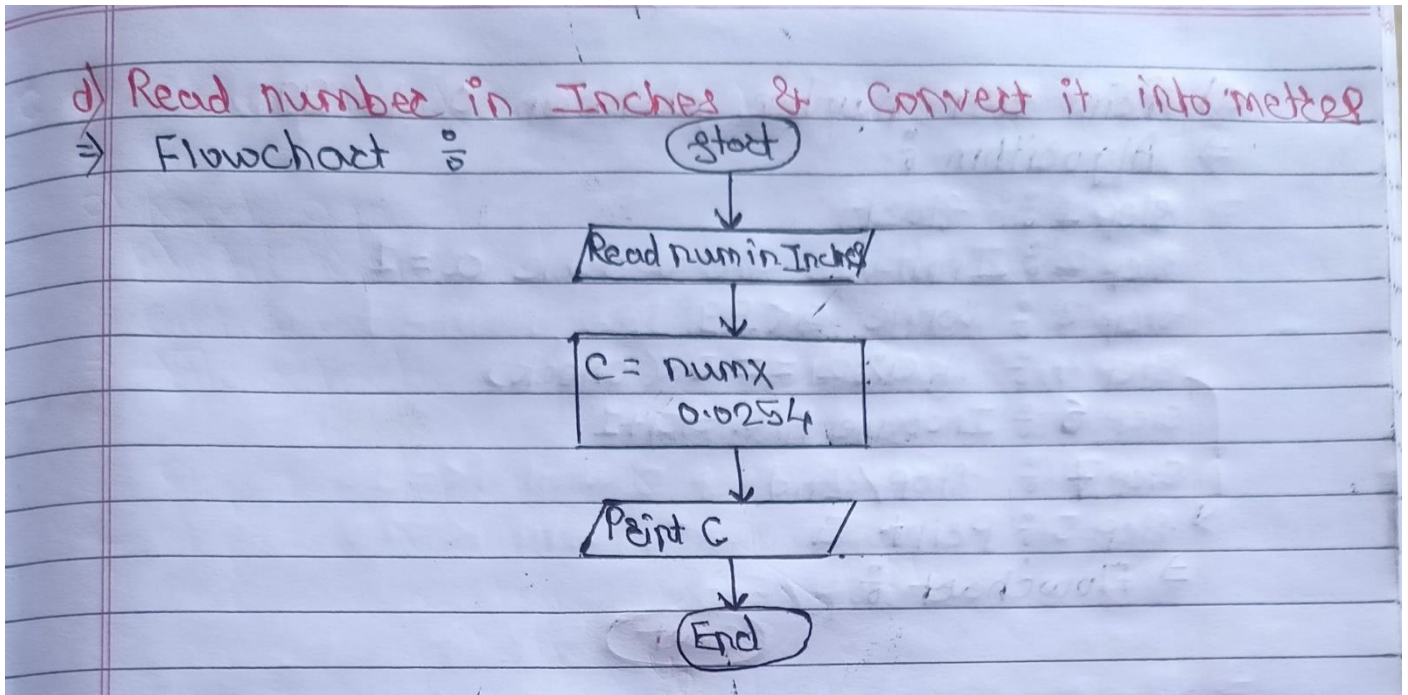
✚ Read three numbers and print smallest among 3 numbers.

c) Read three numbers and print smallest among 3 numbers.

⇒ Flowchart



✚ Read a number in inches and convert into meters



✚ Print 2,4,6,8,10.

