

write Algorithms
and Flowcharts.

Assignment - 1

1) Find the Average of three numbers a, b, and c.

Algorithm

Step 1:- Start.

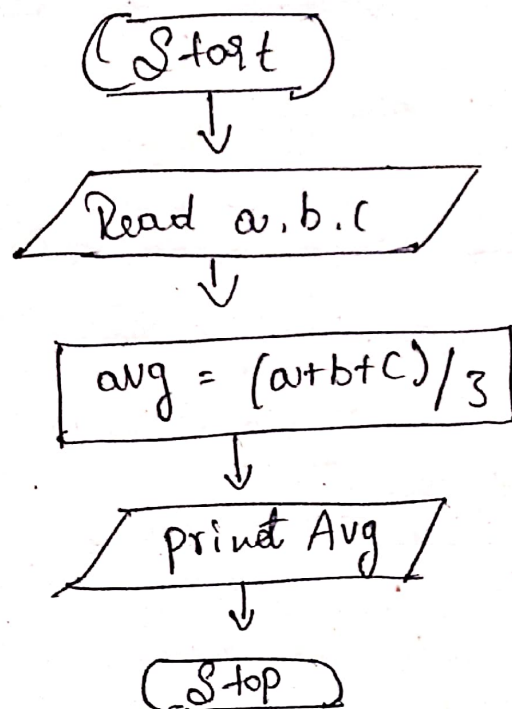
Step 2:- Read three input for calculating the average (a, b, c) & take another variable (avg).

Step 3:- take an average of three numbers as like.
$$\text{avg} \leftarrow (a+b+c)/3;$$

Step 4:- print the average

Step 5:- END.

Flowchart



2] b) Find the Area of a rectangle whose length and breadth are given.

Algorithm:-

Step 1: Start.

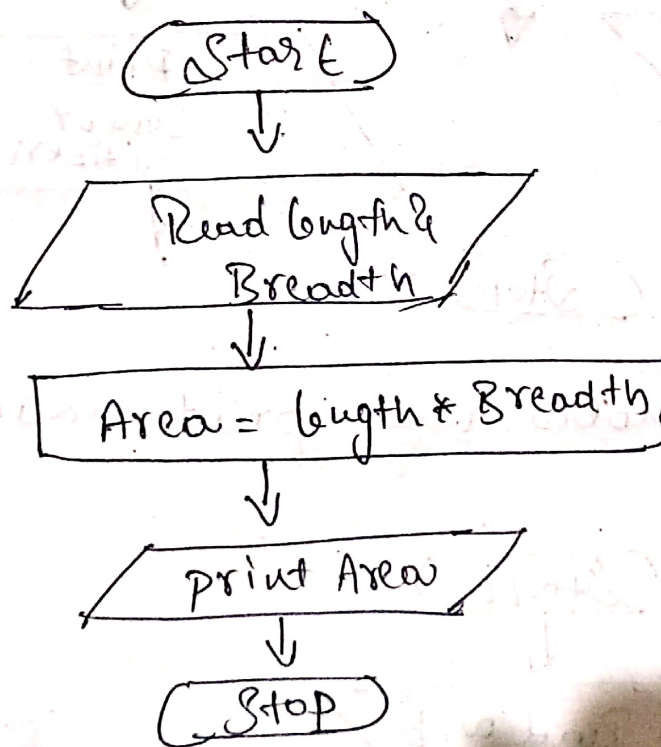
Step 2: ~~Get~~ Read length and Breadth.

Step 3: $\text{Area} \leftarrow \text{length} \times \text{breadth}$.

Step 4: print Area.

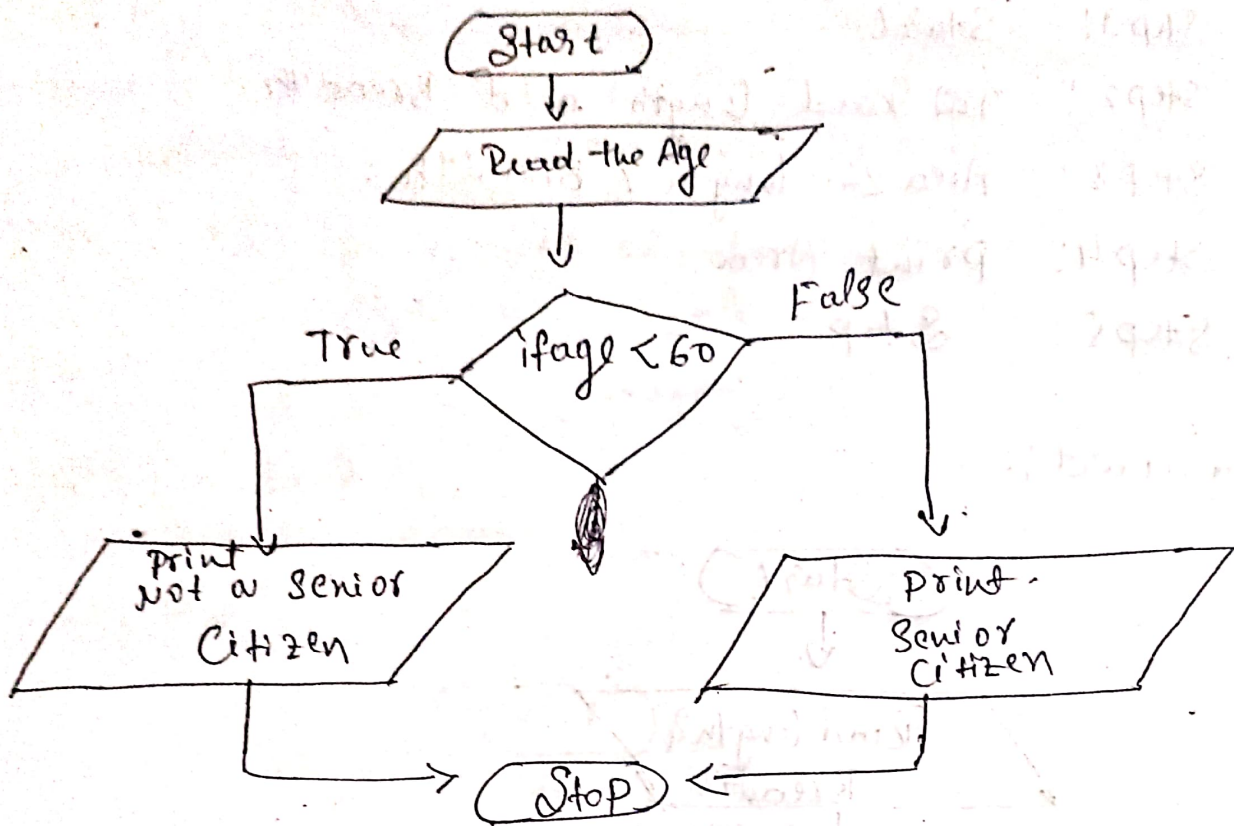
Step 5: Stop.

Flowchart:-

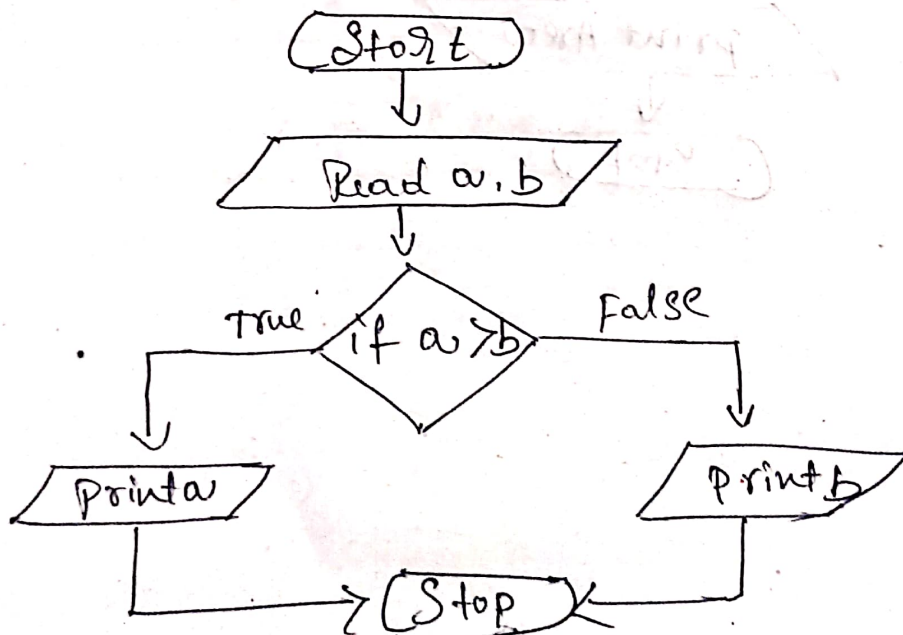


2] Draw the flowchart for the following:

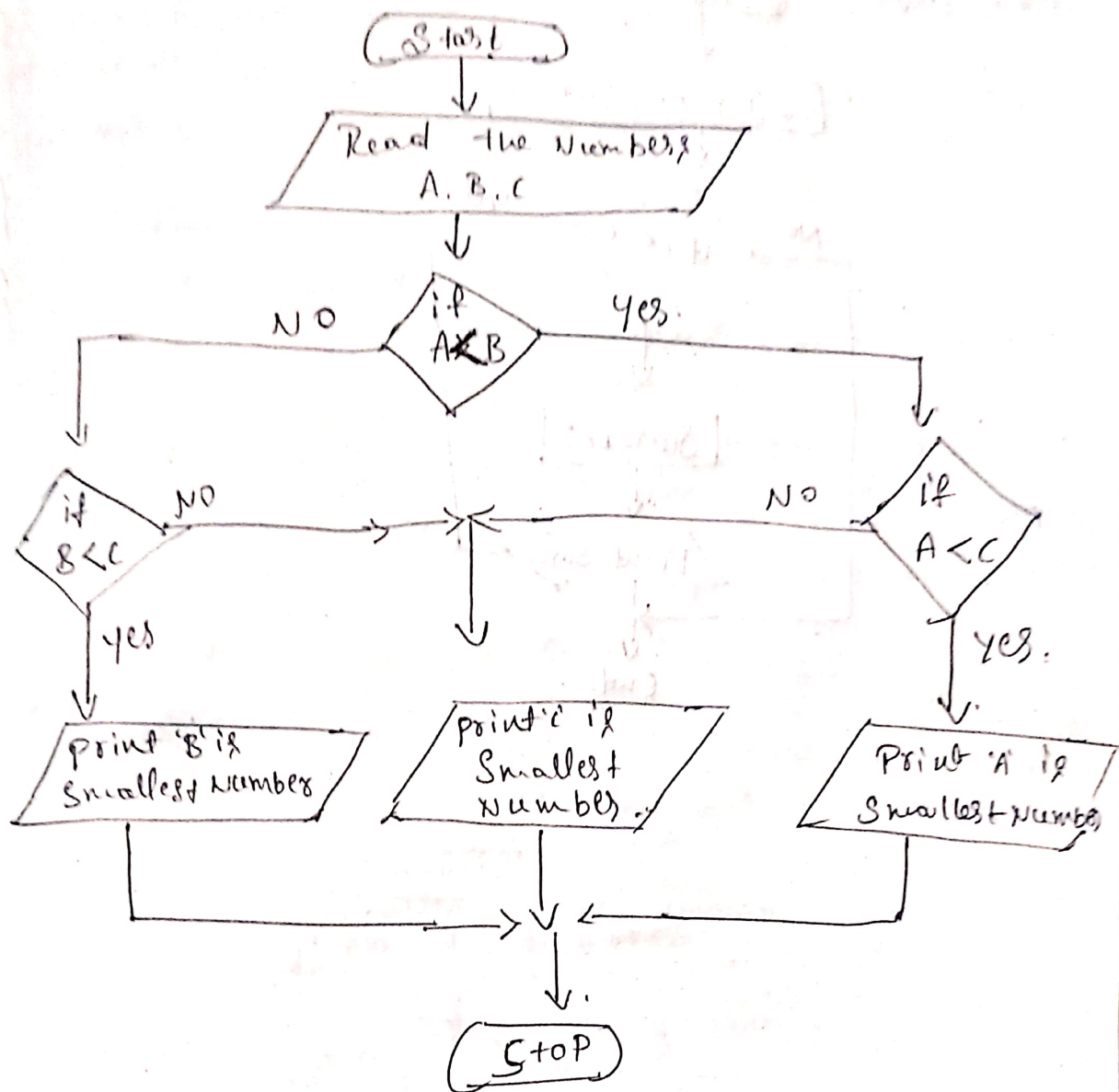
(a) Read age of a person. if age less than 60 then print "not a senior citizen" otherwise print "Senior citizen"



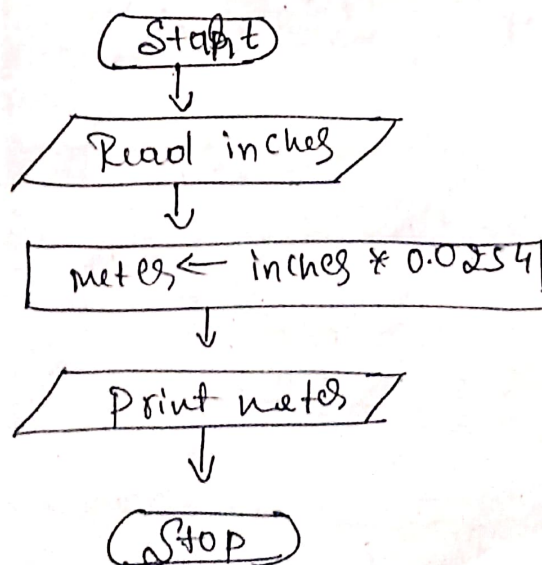
(b) Read two Numbers and print maximum of 2 Numbers.



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



(d) Read a number in inches and convert it into meters



(e) Print 2, 4, 6, 8, 10.

