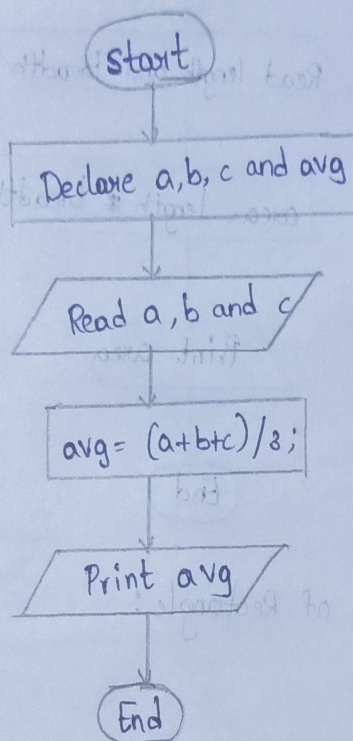


Assignment-1

1. Write the Algorithm and draw the flowcharts for the following.

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

A) Flow chart for Average of three Numbers:



Algorithm for average of three Numbers:

Declare

Step 1: Start

Step 2: Declare a variable a, b, c and avg as.

Step 3: Read three numbers a, b and c.

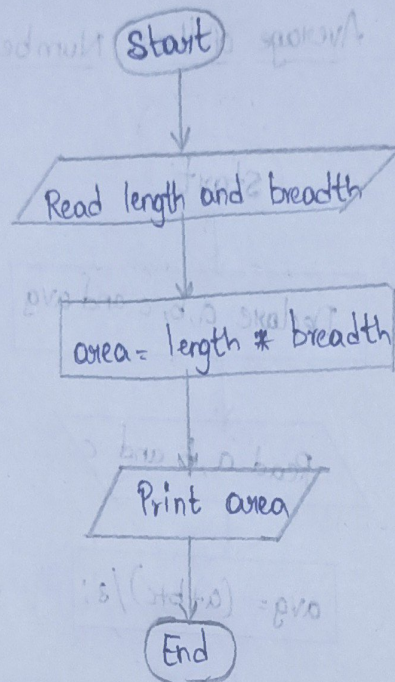
Step 4: $avg = (a+b+c)/3;$

Step 5: Print avg;

Step 6: End.

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

a) Flow chart for area of Rectangle:



Algorithm for area of Rectangle:

Step 1: Start

Step 2: Read Input length and breadth

Step 3: $\text{area} = \text{length} * \text{breadth}$

Step 4: Print area

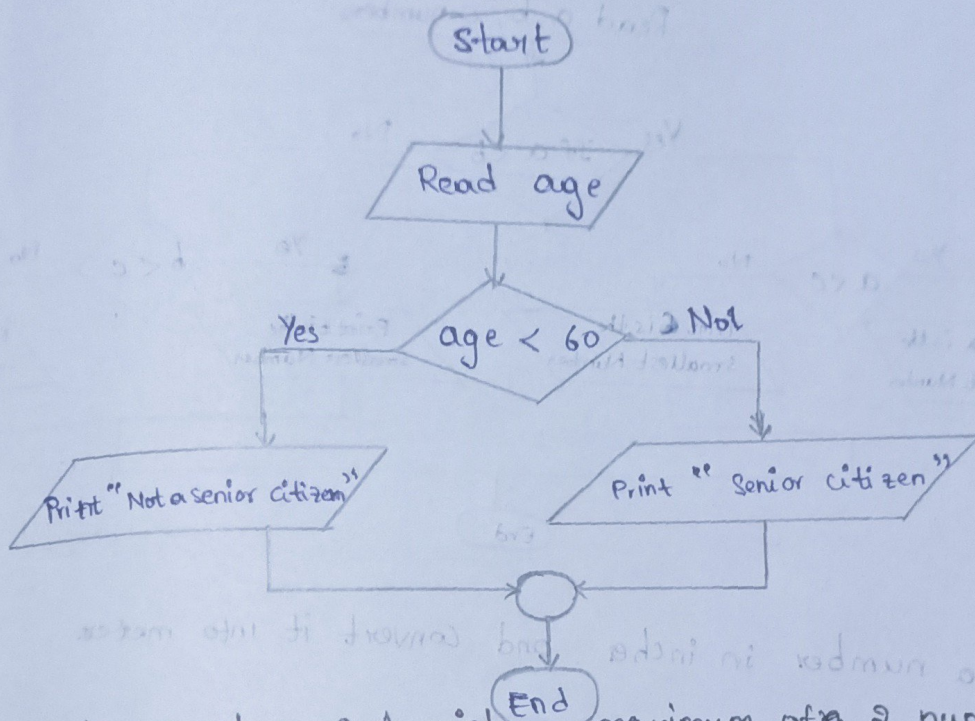
Step 5: End

2.

Draw the flowcharts of the following.

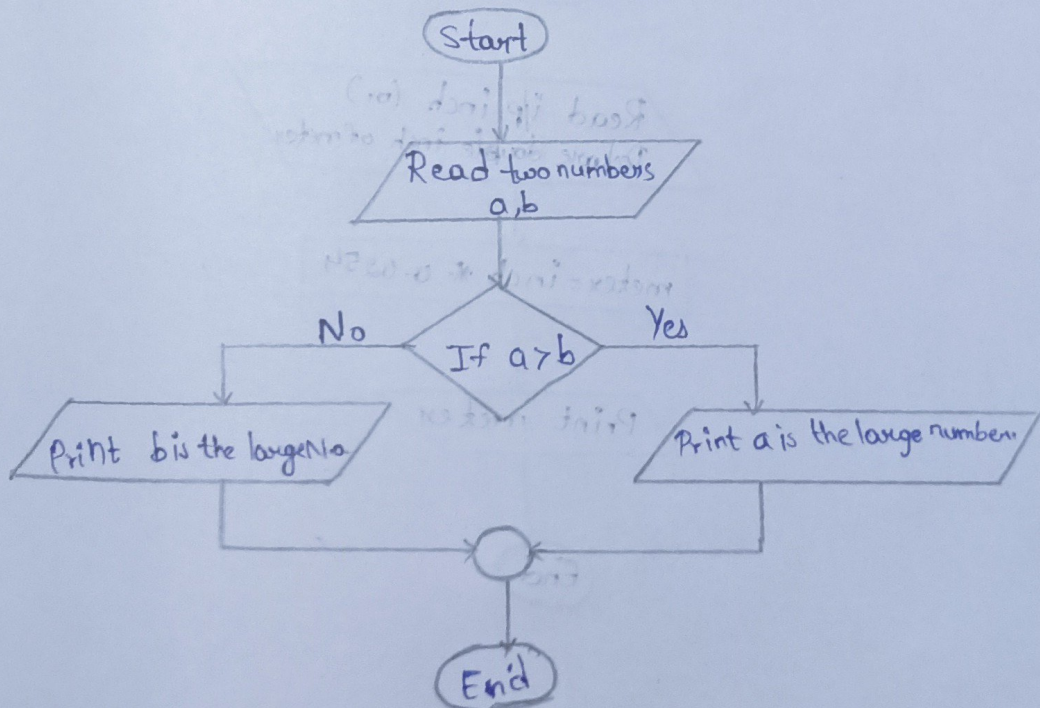
a) Read age of a person. If age less than 60 then print "Not a senior citizen" otherwise print "Senior Citizen".

n) Flow chart :



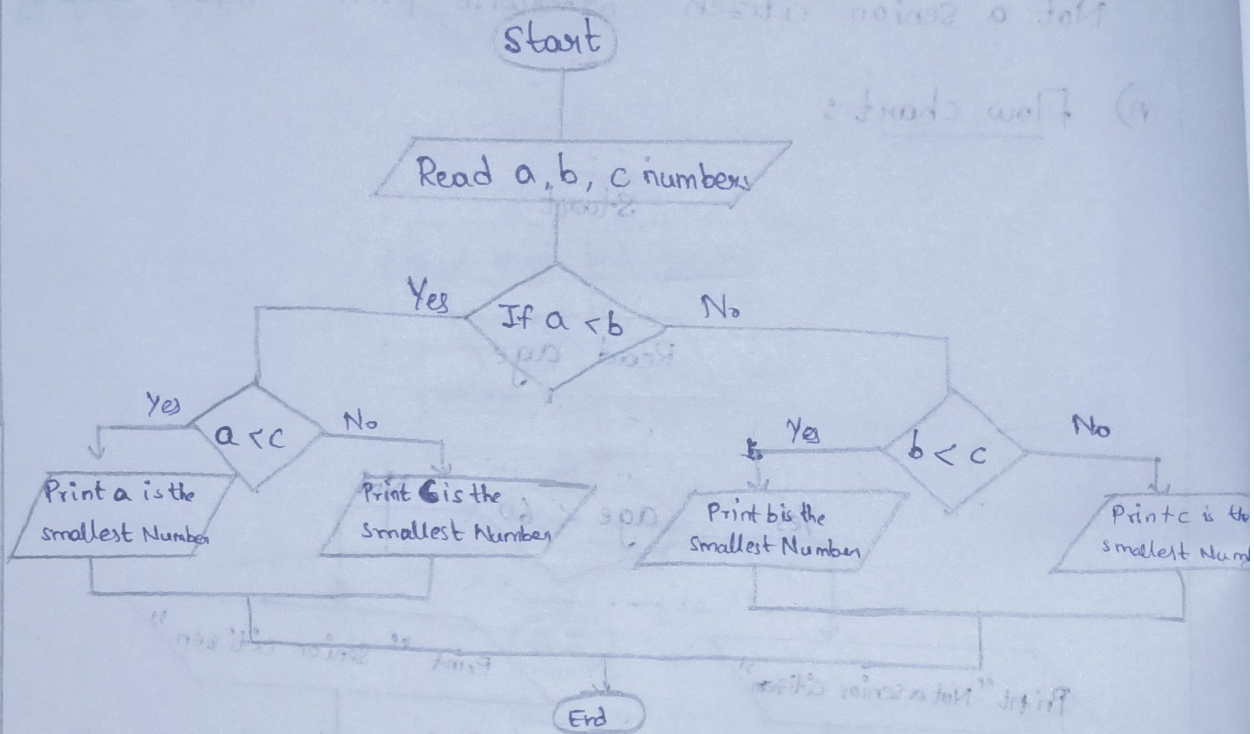
b) Read two numbers and print maximum of 2 numbers.

A

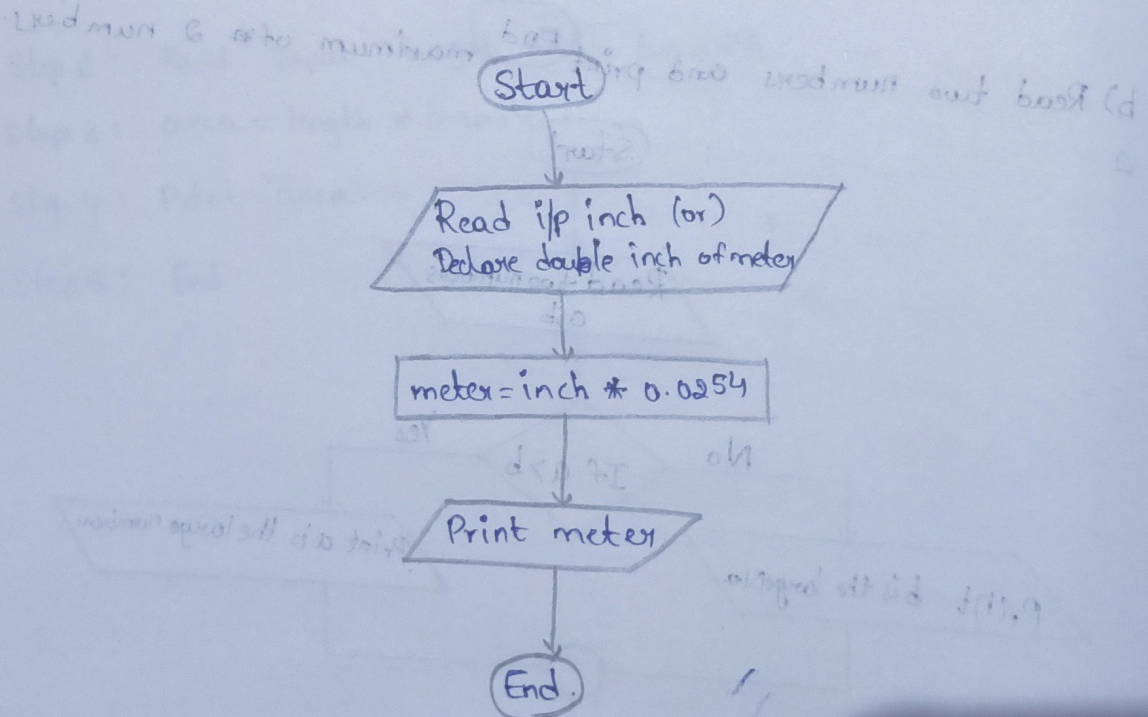


c) Read three numbers and print smallest among 3 numbers

A) Flowchart:



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



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

A)

