

aggarwal.abhishek15 (Guest) 11-03 10:04 pm

## Assignment- 1

Mar22 Web Fundamentals

- Try to create flow chart with conditions (wherever applicable)

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

- a) Find the average of three numbers a, b and c.
- b) Find the area of a rectangle whose length and breadth are given.

2. Draw the flowcharts 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

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## (ASSIGNMENT-1)

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1). Write the algorithm and draw the flowchart for the following.

a). Find the average of 3 numbers,  $a, b, c$ .

Ans:→ Algorithm

Step 1 → Start

Step 2 → Read value  $a, b$  and  $c$

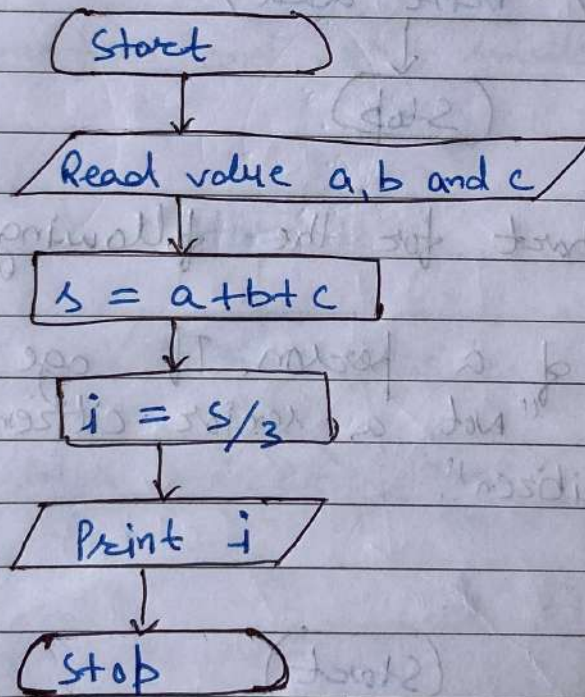
Step 3 → Sum of all numbers i.e.  $s = a + b + c$

Step 4 → Average ( $i = s/3$ )

Step 5 → Print Average ( $i$ )

Step 6 → Stop

Flowchart



b). Area of rectangle whose length and breadth are given.

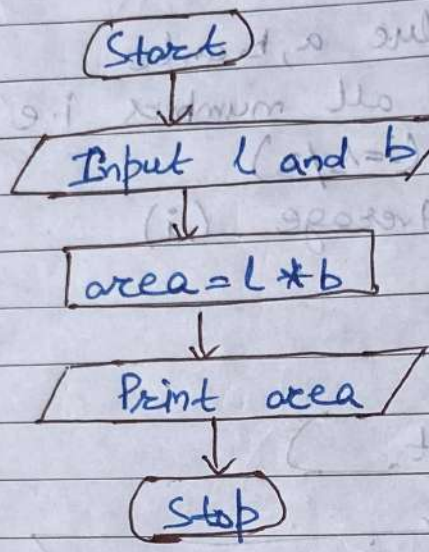
Ans:→ Algorithm



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- Step 1 → Start
- Step 2 → Input L and b (length and breadth)
- Step 3 →  $area = L * b$
- Step 4 → Print area
- Step 5 → Stop

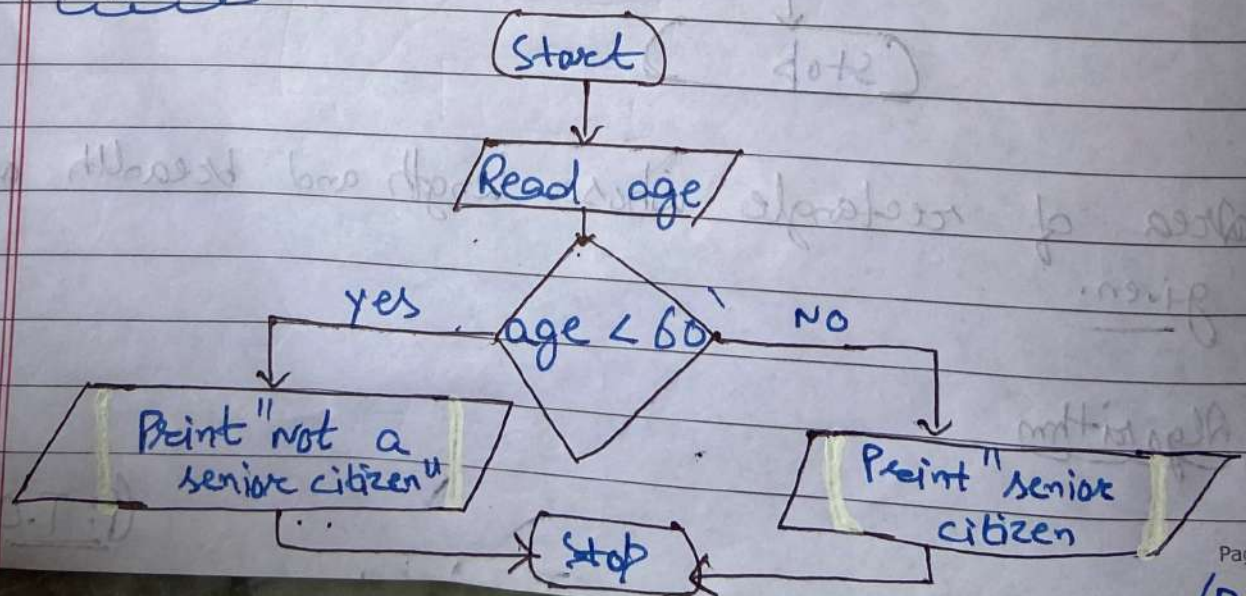
Flowchart



2). Draw Flowchart for the following.

- a). Read age of a person. If age less than 60 than print "not a senior citizen" otherwise print "senior citizen".

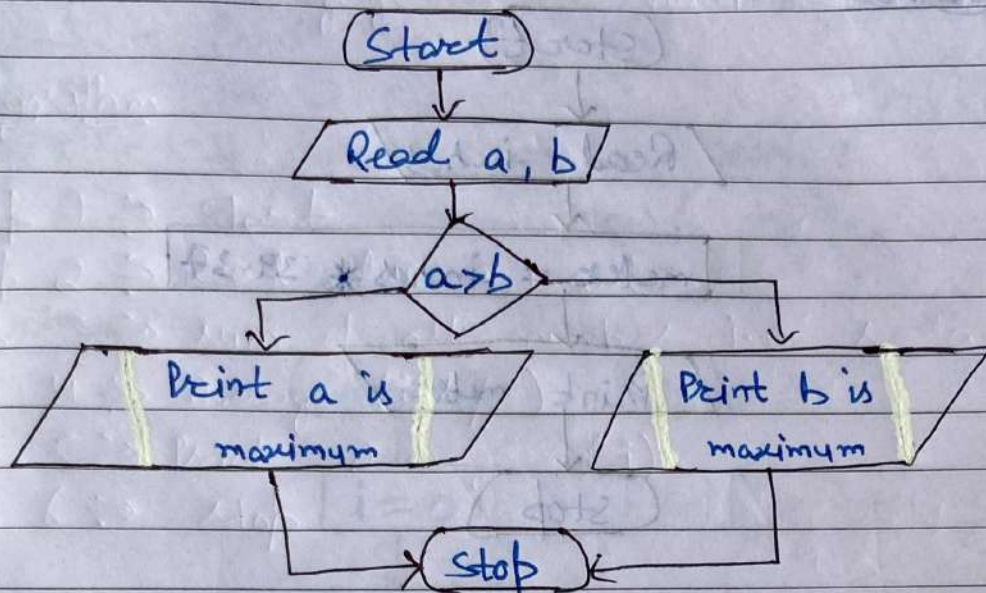
Ans). Flowchart





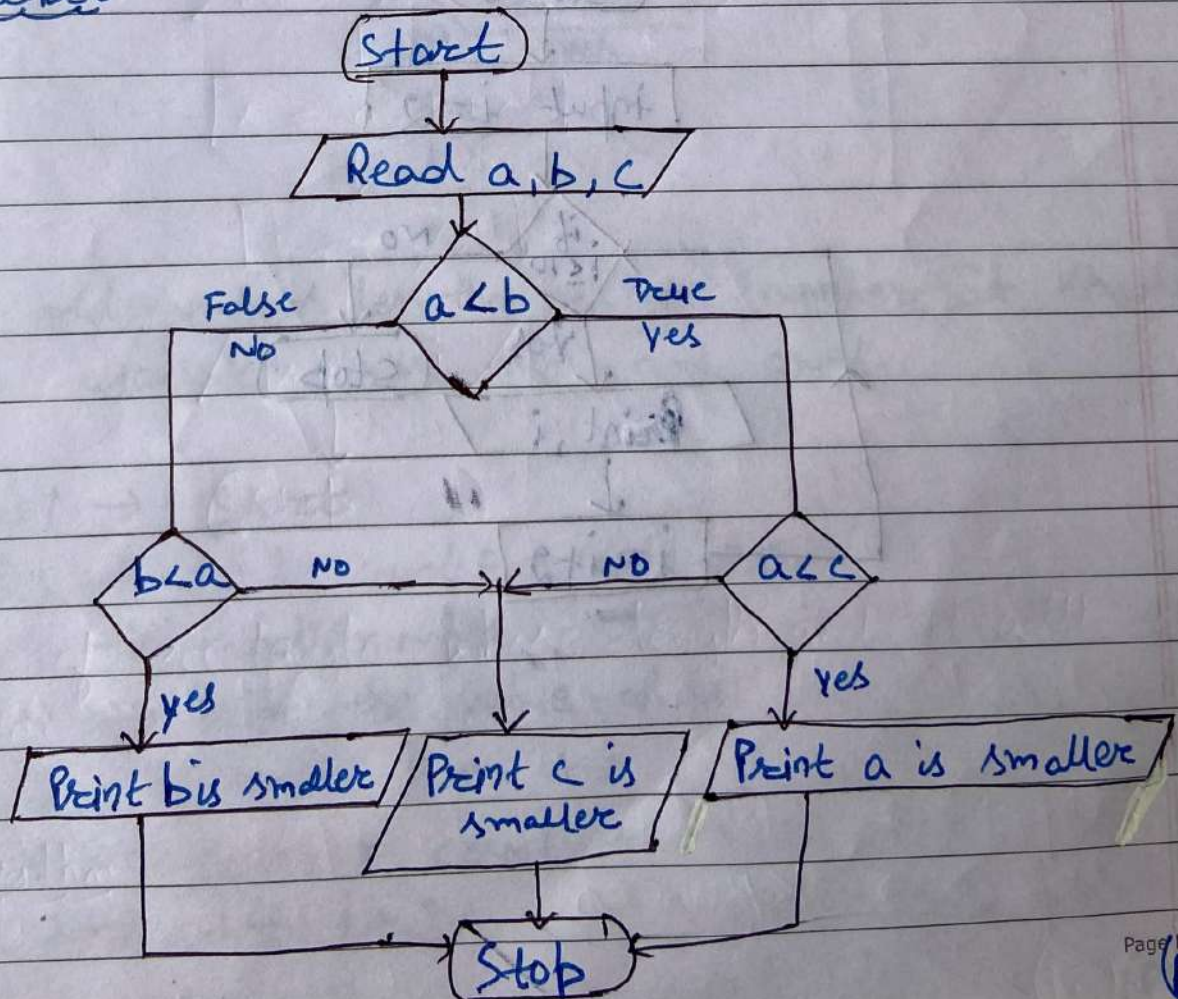
b). Read 2 numbers and print maximum of 2 numbers.

Ans). Flowchart



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

Ans) Flowchart

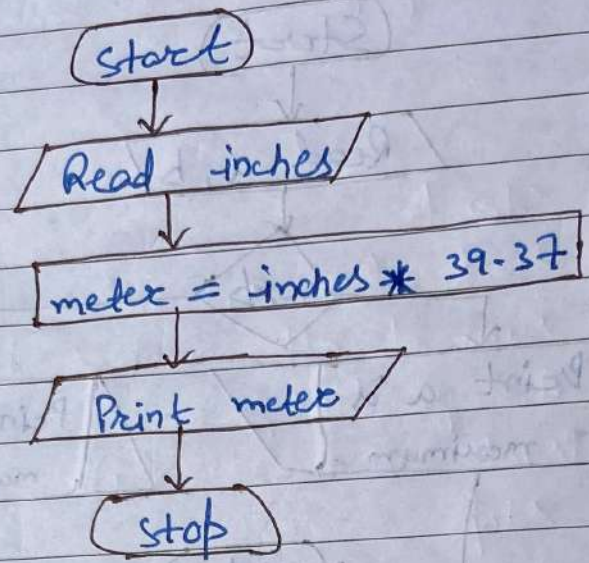




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d). Read a number in inches and convert it into meters.

Ans). Flowchart



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

Ans). Flowchart

