

March-22 Web FundamentalsAssignment-1

① Write an algorithm and Draw the flowchart for the following.

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

⇒ Algorithm:-

Step 1: Start

Step 2: Declare a, b, c, avg as int

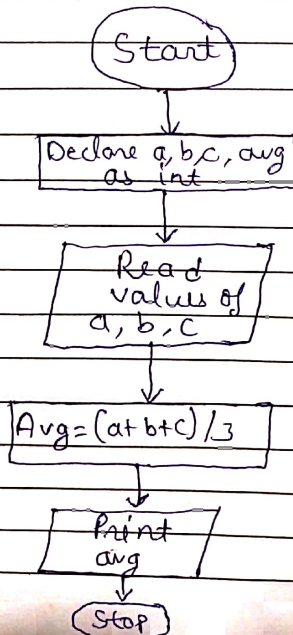
Step 4: Read values of a, b, c.

Step 5:  $\text{Avg} = (a+b+c)/3$ ;

Step 6: print Avg;

Step 7: Stop

Flowchart:-



(b) Find the area of rectangle whose length and breadth is given.

⇒ Algorithm:-

Step 1: Start

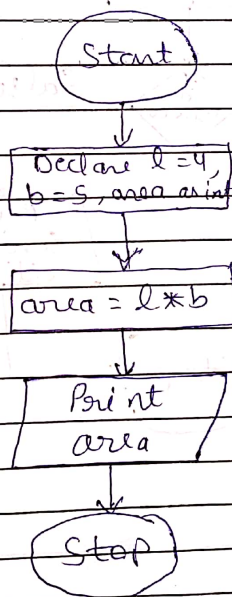
Step 2: Declare  $l=4$ ,  $b=5$ , ~~area~~ as int

Step 3:  $area = l * b$ ;

Step 4: print area;

Step 5: Stop

Flowchart:-

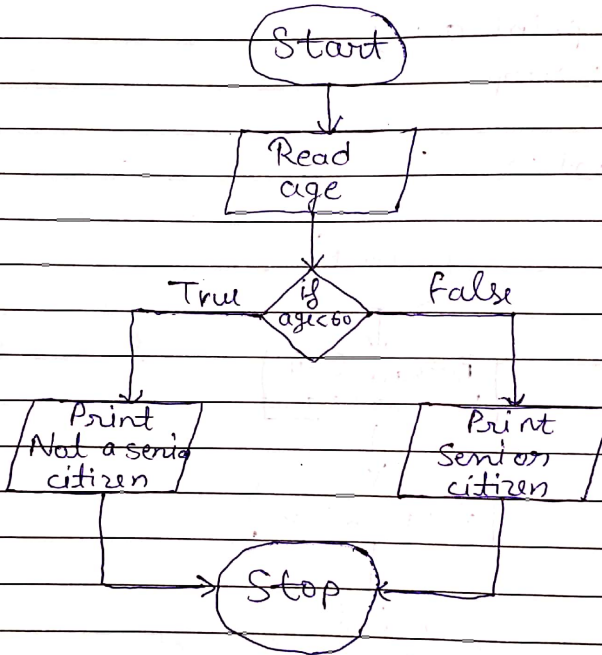


② Draw the flowchart for the following:-

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

⇒

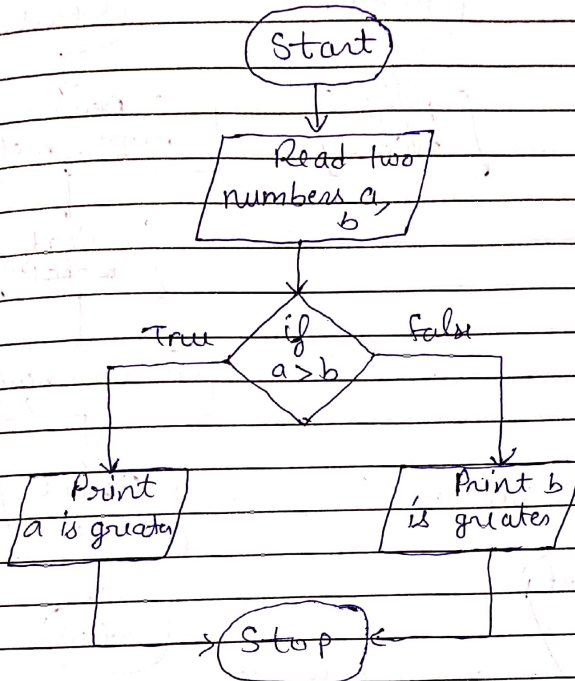
Flowchart



✱

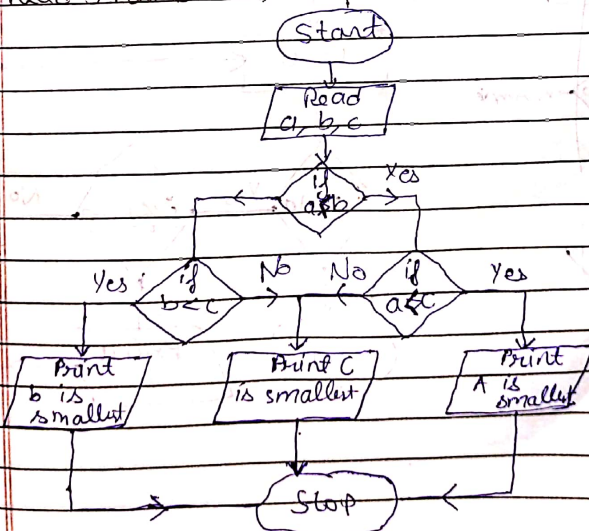
(b) Read two numbers and print maximum of 2 numbers.

⇒



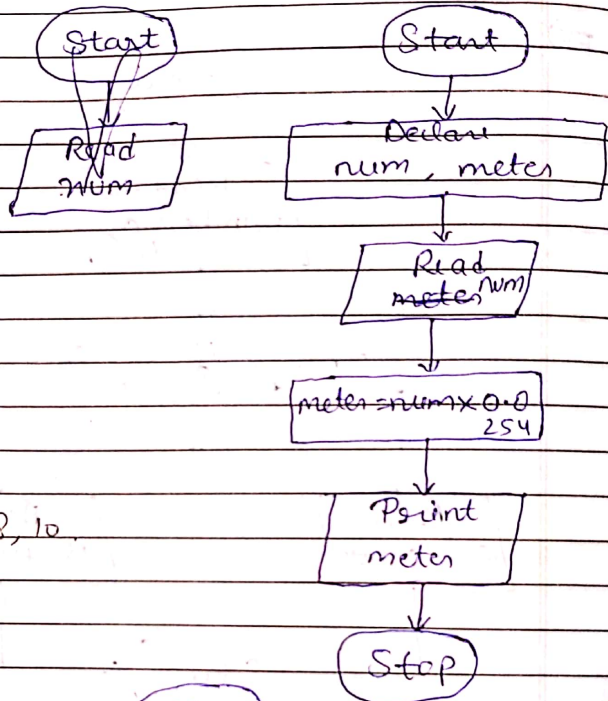
(c) Read 3 numbers and print smallest among 3 numbers.

⇒





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



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

