Assignment 2

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1) Convert ~~temp~~ fahrenheit temp in celsius

→

Algorithm

Step 1 : Start
Step 2 : Read temperature in fahrenheit f
Step 3 : f ← C 5/9 * (F32)
Step 4 : print temp in celsius : C
Step 5 : End

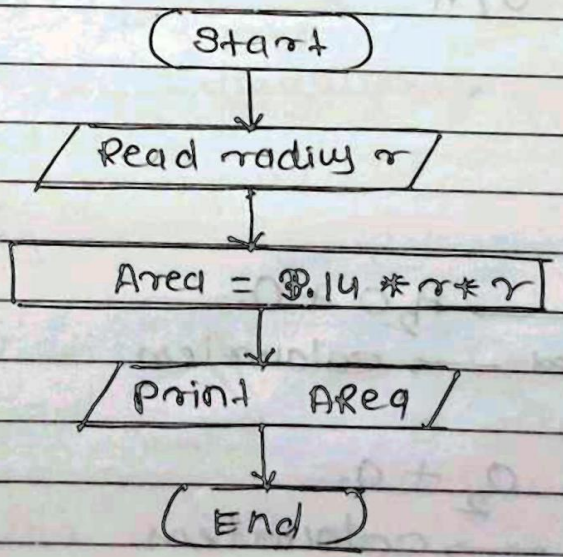
1) Find the area of a circle of radius R

→

Algorithm

Step1 : Read or input the Radius r of the circle
Step2 : Area = PI * r * . // calculation of area,
Step3 : ~~print~~ Area.

Flow chart



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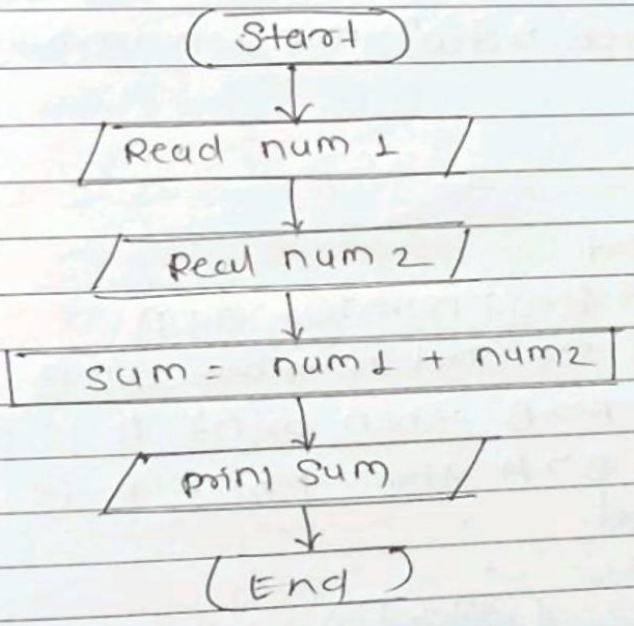
3) Read two numbers and find their sum

→ Algorithm

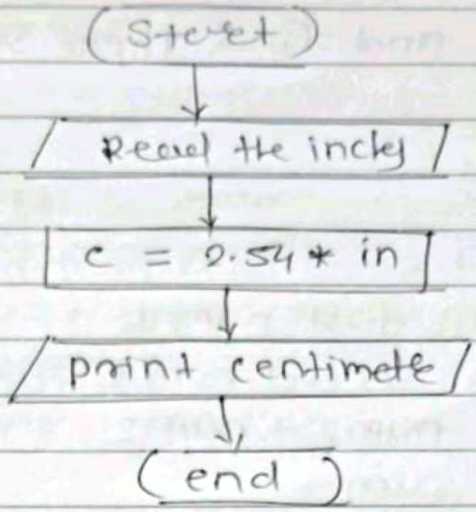
Step 1 : Start
Step 2 : Read the first num 1
Step 3 : Read the second num 2
Step 4 : sum = num1 + num2
Step 5 : print sum
Step 6 : End



4) convert inches into centimeters

→ Algorithm

Step 1 : Start
Step 2 : Read inches
Step 3 : centimeter = 2.54 * inches
Step 4 : Print centimeter
Step 5 : End

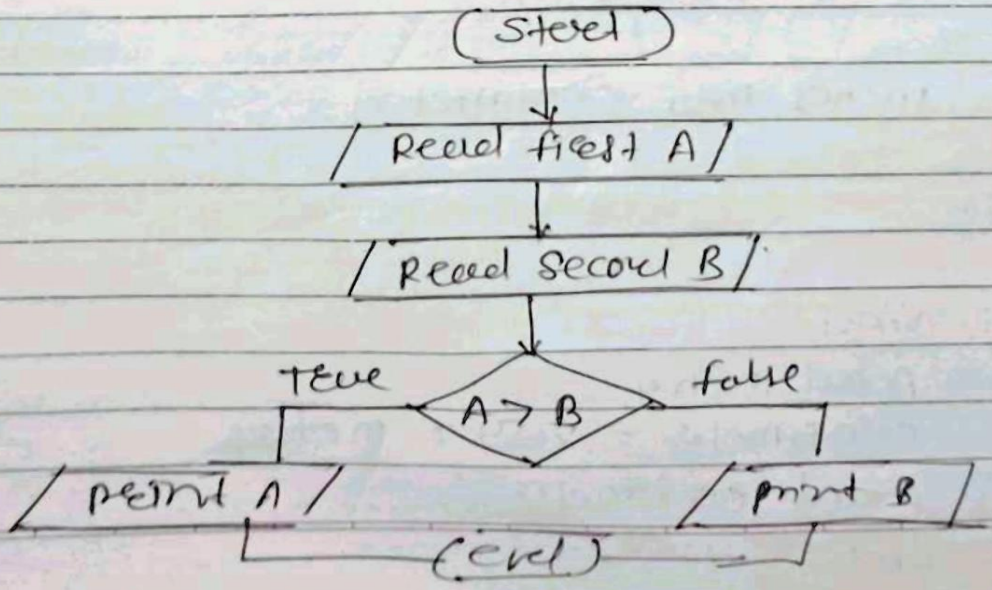


5) Greater number betw? two numbers

→

Algorithm:

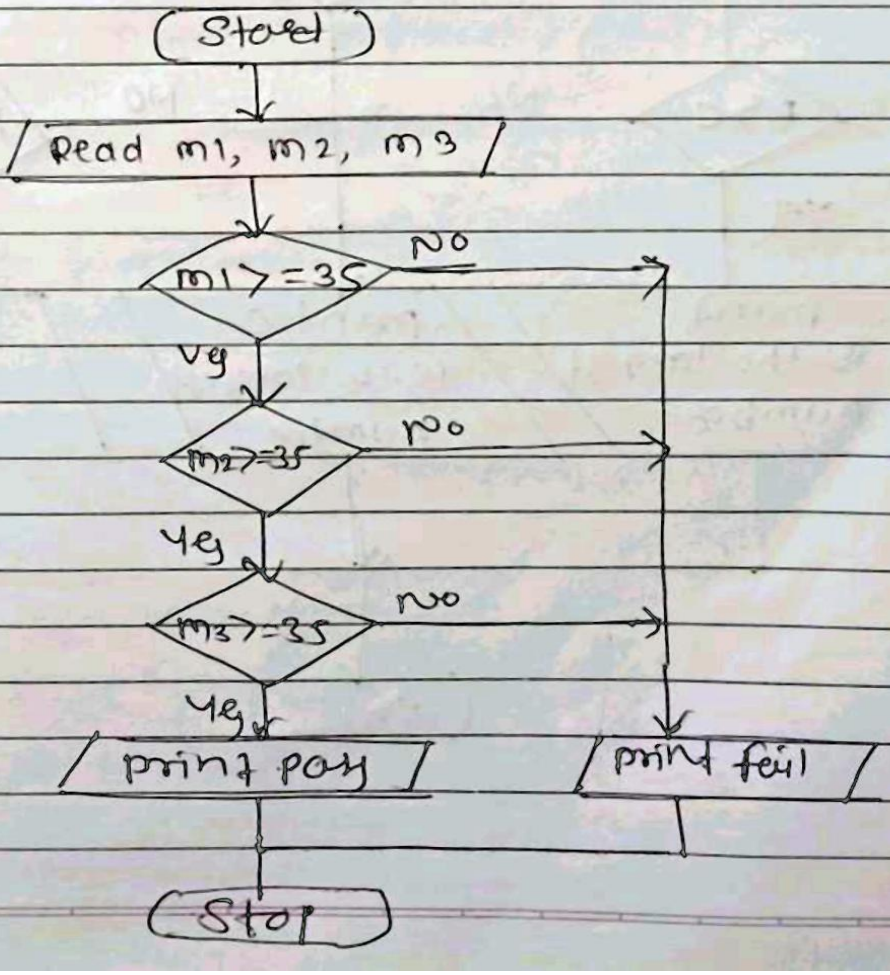
Step 1 : Start
Step 2 : Read first number as A
Step 3 : Read second number as B
Step 4 : If A > B then print A is greater
Step 5 : If B > A then print B is greater
Step 6 : end.



1) Flowchart to get Marks for 3 Subject And Declare the Result
If the marks >=35 In All the Subject, the student passes else fails

→ ~~Flowchart~~ Algorithm

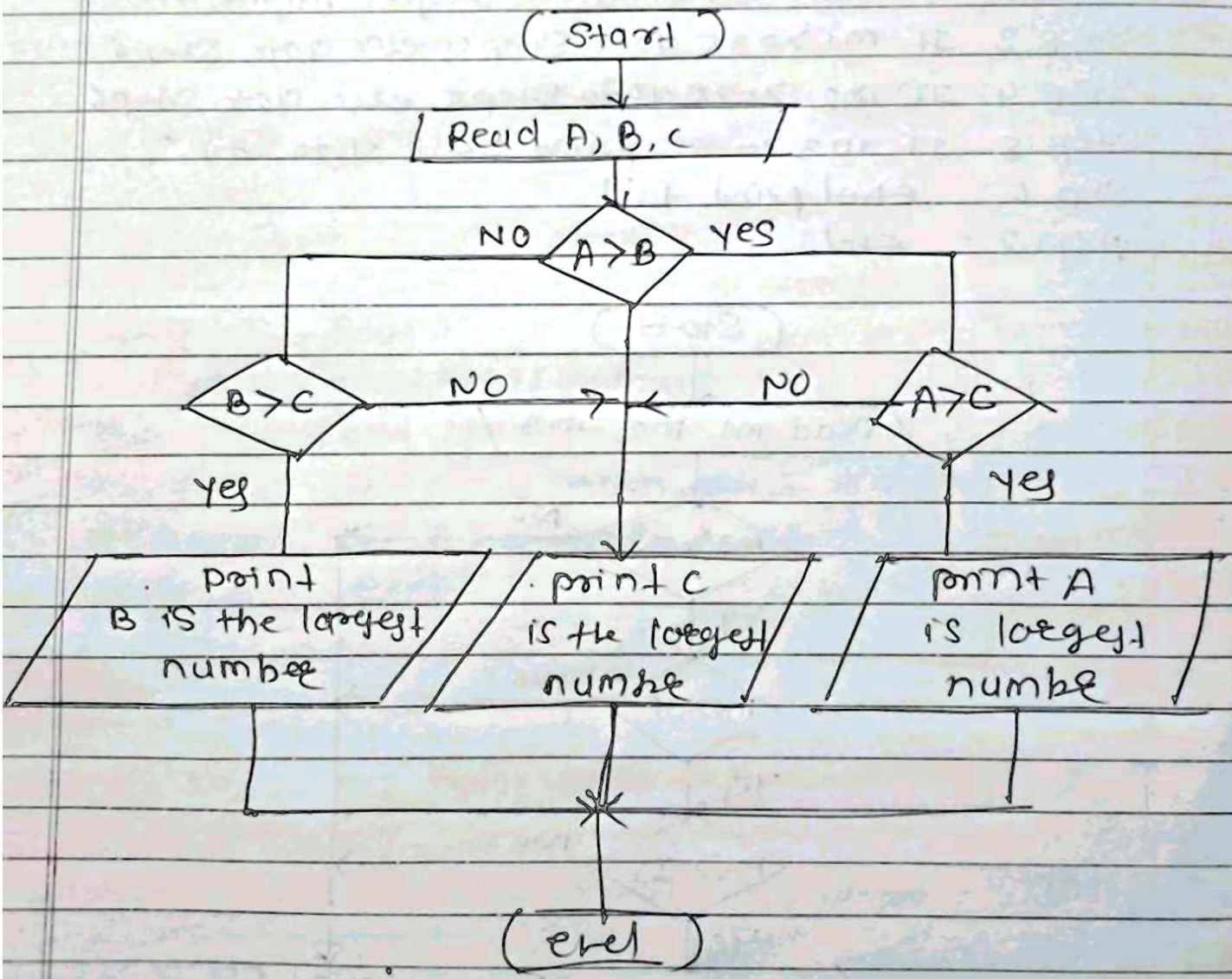
Step1 :- Start
Step2 : Read marks of three Subject m1, m2, m3
Step 3 : If m1 >=35 go to Step 4 else goto Step6
Step 4 : If m2 >=35 go to Step5 else goto Step6
Step 5 : If m3 >= 35 print pass goto Stp 7
Stp 6 : ~~End~~ print fail
Stp 7 : End



7) Find the largest number among any three no.

→

Step 1 : Start
Step 2 : Read A, B, C
Step 3 : A > B then print A is largest goto step 4
Step 4 : B > C then print B is largest goto to Step 5
Step 5 : C > A then print C is largest goto step 6
Step 6 : End



Assignment

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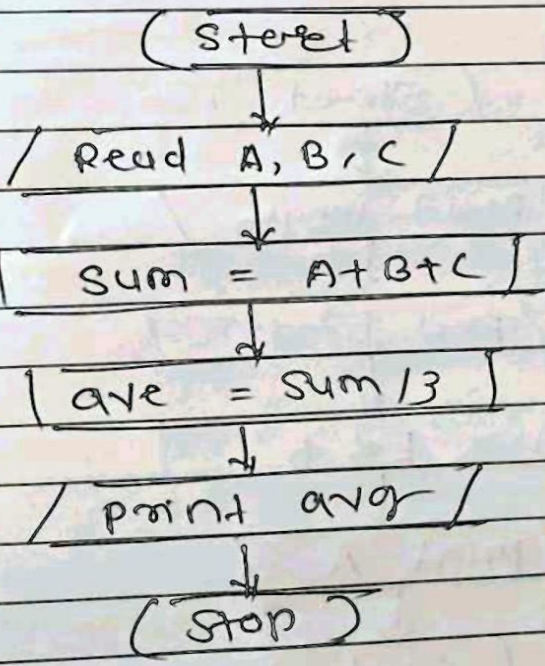
1) Find the average of three num a, b & c

→ Algorithm

1 : Start
2 : Read the ~~first~~ num A, B, C
3 : Sum = A+B+C
4 : average = Sum/3
5 : print average
6 : Stop



2)

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

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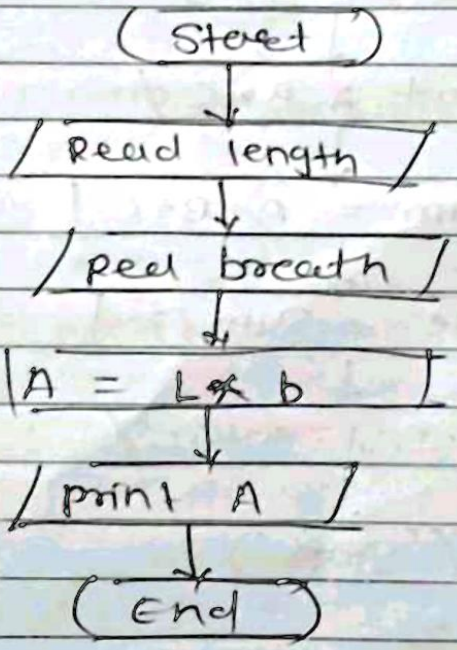
Flowchart:

1 : Start
2 : Read length
3 : Read breadth
4 : area = length * breadth
5 : print area
6 : Stop



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

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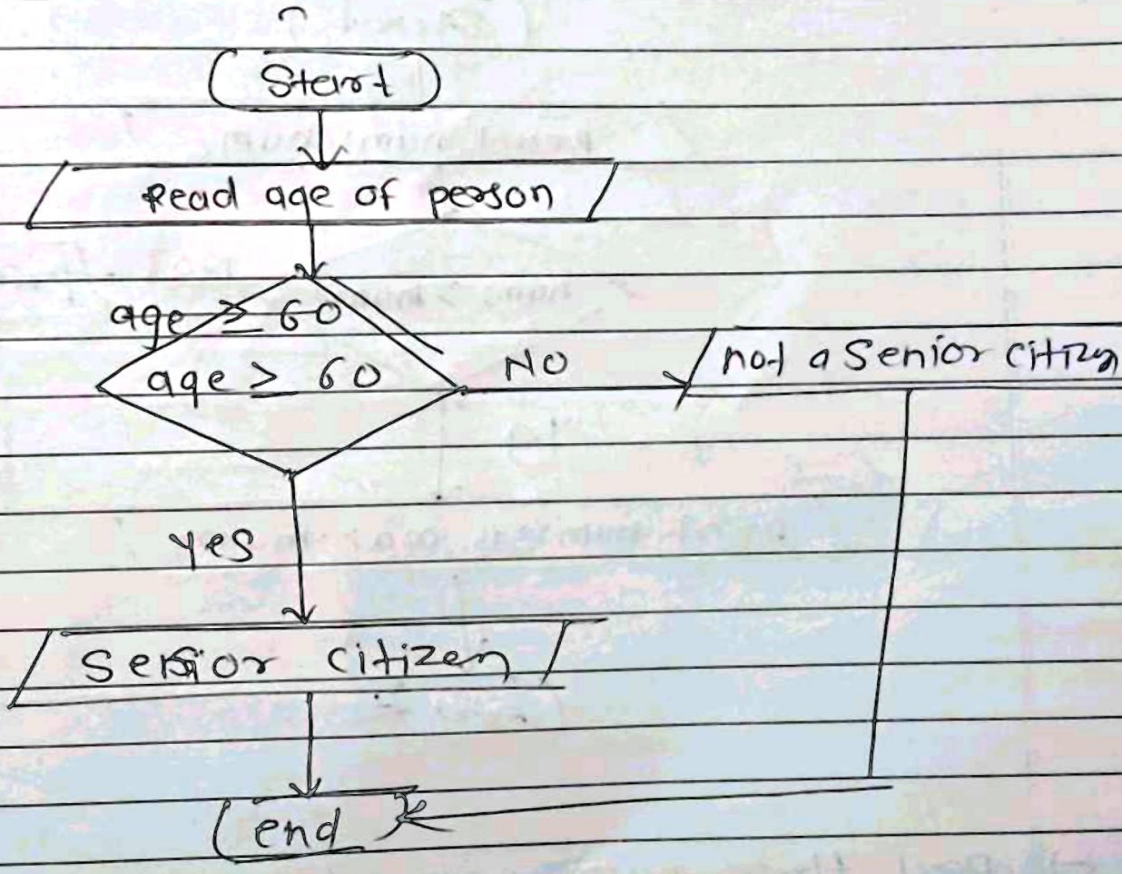
Algorithm

1: Start
2: Read age of person
3: If age is less than 60 [age < 60] then ~~goto~~ print not a senior citizen
4: If age is greater than or equal to [age ≥ 60] then print senior citizen
5: Stop

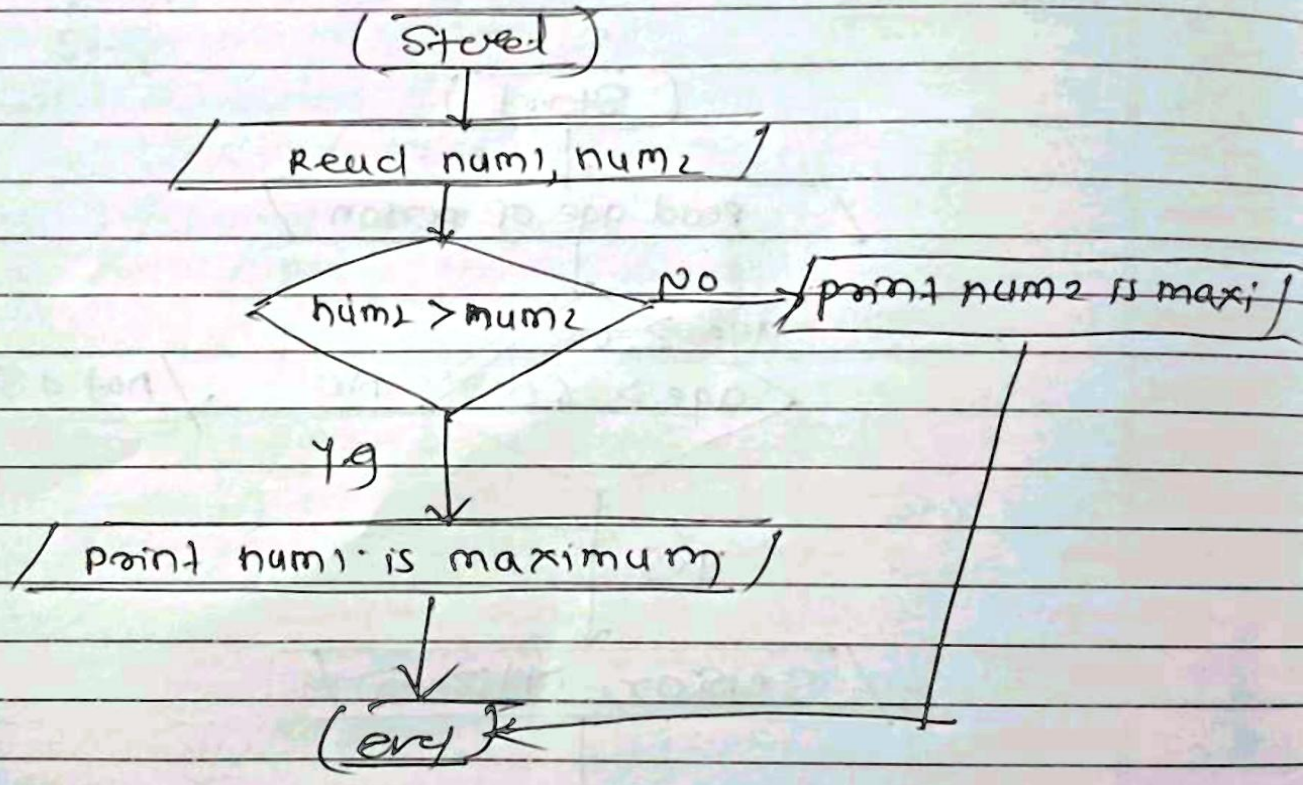
Flowchart



4) Read two numbers & print maximum of 2 number

→ Algorithm

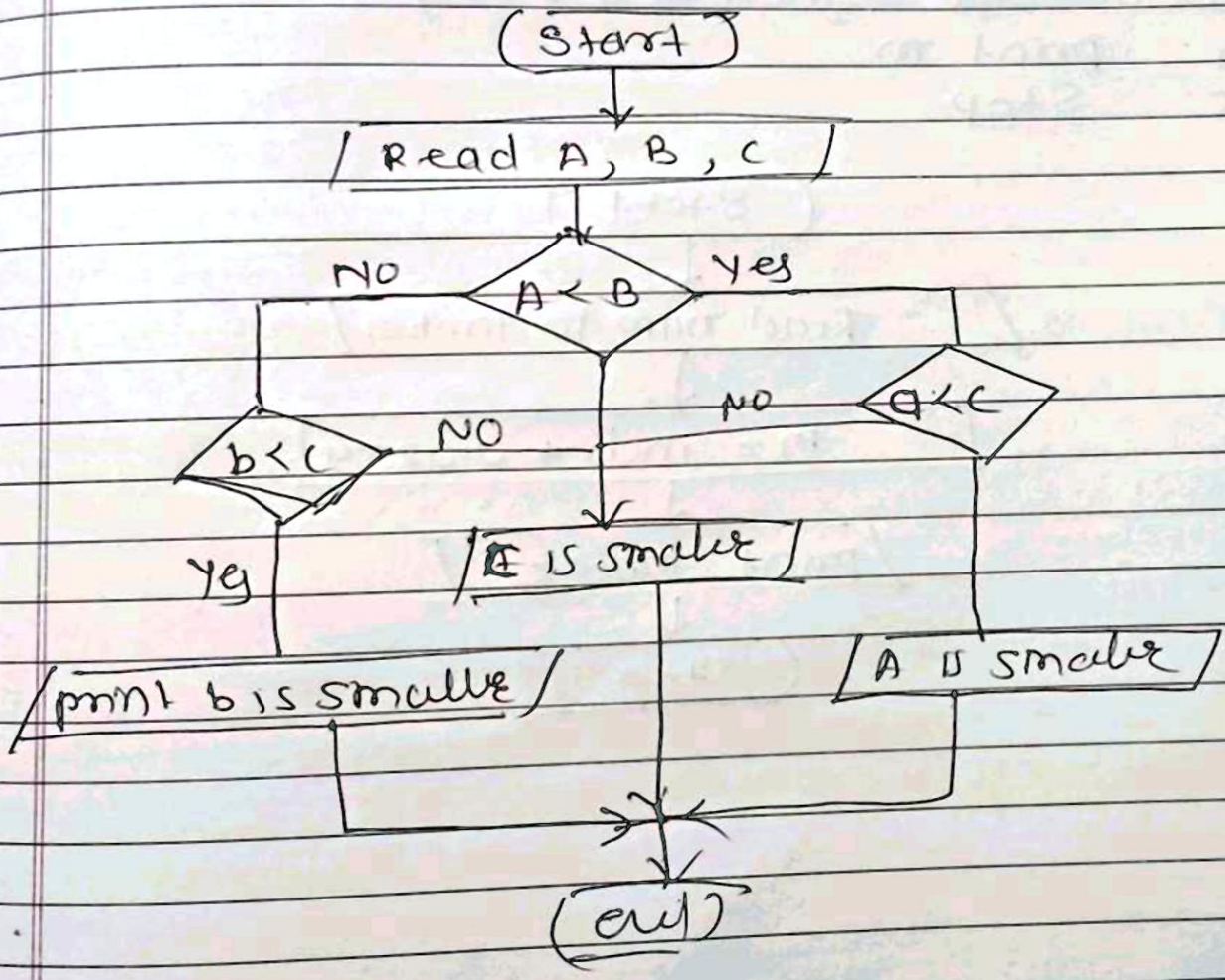
1 : Start
2 : Read two number num1, num2
3 : If num1 > num2 print num1 is maximum
4 : If num2 > num1 print num2 is maximum
5 : End



5) Read three num & print smallest among 3 num

→ Algorithm

1. Start
2. Read first A number
3. Read second B number
4. Read third C number
5. A < B then print A is smaller goto to Step 6
6. B < C then print B is smaller goto to Step 7
7. C < A then print C is smaller goto to Step 8
8. end



6) Read a number in inches & convert it into meter

→ Algorithm

1: Start
2: Read number in inches
3: meter = inch * 0.0254
4: print m
5: Stop