Assignment - 1

1) Algorithm

(a)

Start

int a, b, c, avg

avg = (a+b+c)/3

Display avg.

Stop

Start

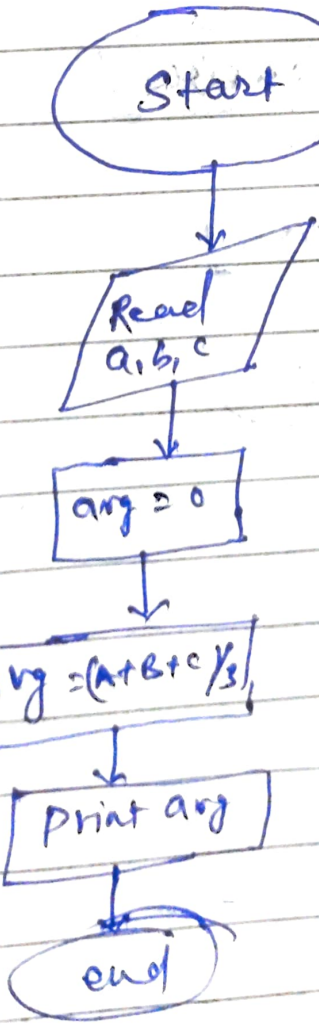
int a, b, c, avg

Initialize avg to 0

avg <- (a+b+c)/3

Print avg

Flow chart



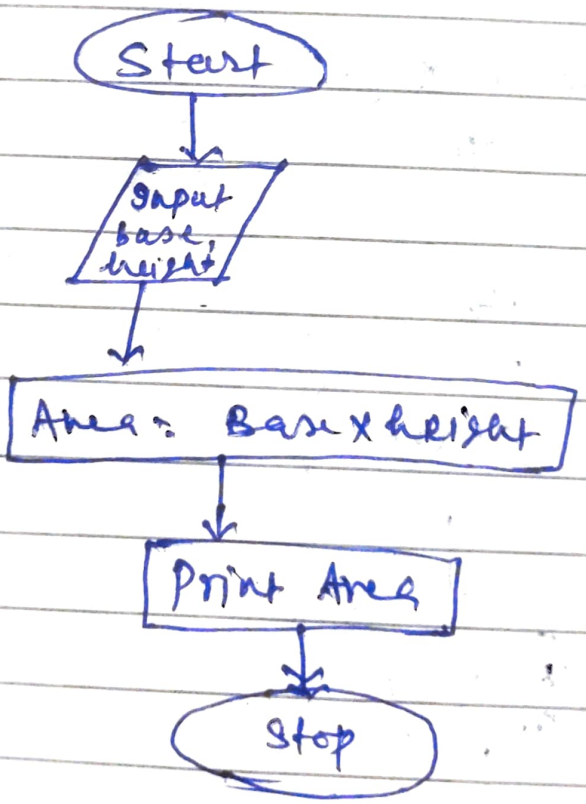
(5) Step-1 Input the value of base.

Step-2 Input the value of height

Step-3 Calculate Area = base x height

Step-4 print the value of Area

Step-5 Stop



2.) Read two number and print max of 2 number

b.) Algorithm

Start

Read a, b

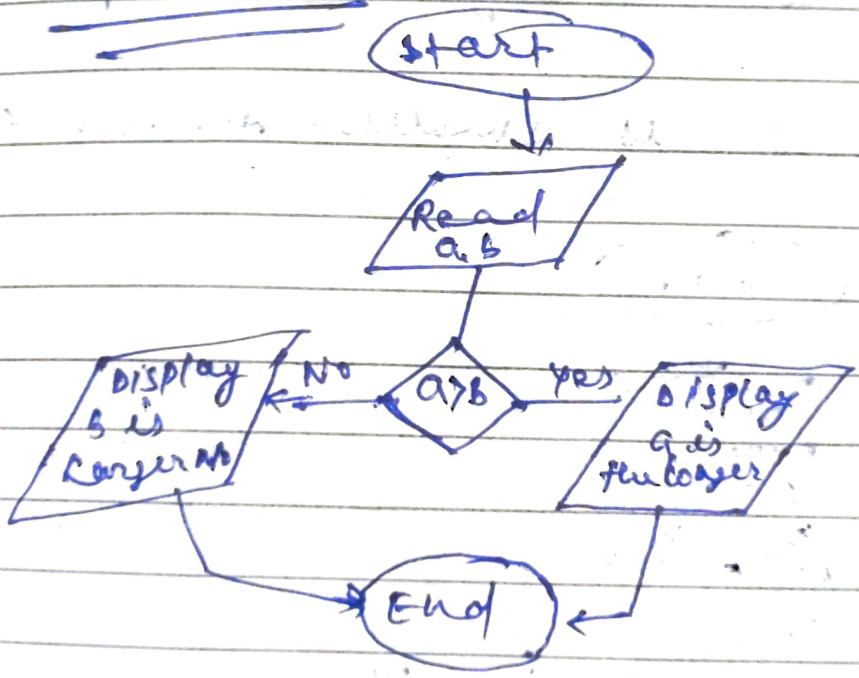
If a>b then display "a is the largest number"

otherwise

Display "b is the largest number"

Stop

flowchart



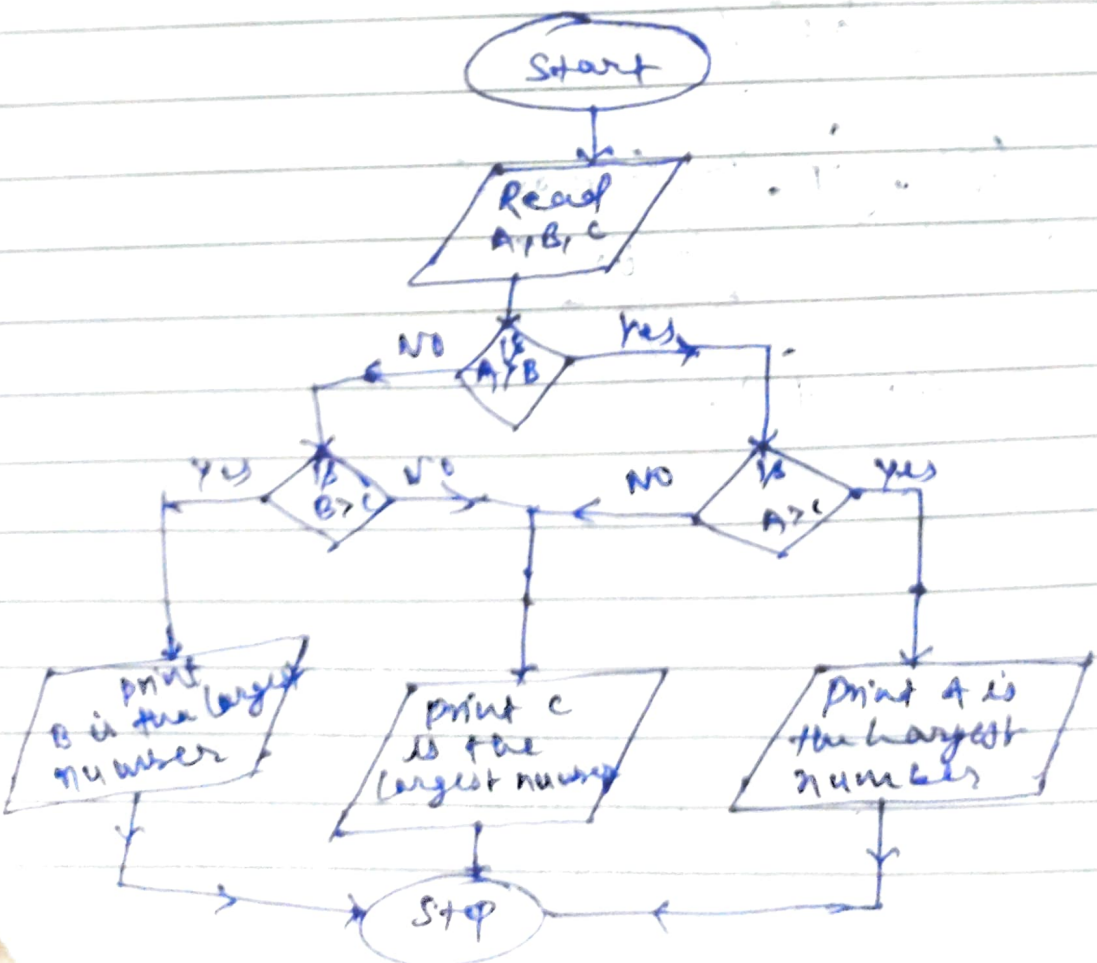
(6) Find the smallest of three numbers.

Step-① Declare three value of a, b, c

Step-② Compare a, with b and c, If a is smaller than b and c than a is smallest among three numbers

Step-③ Compare b with a and c. If b is smaller than a and c than b is smallest among three numbers.

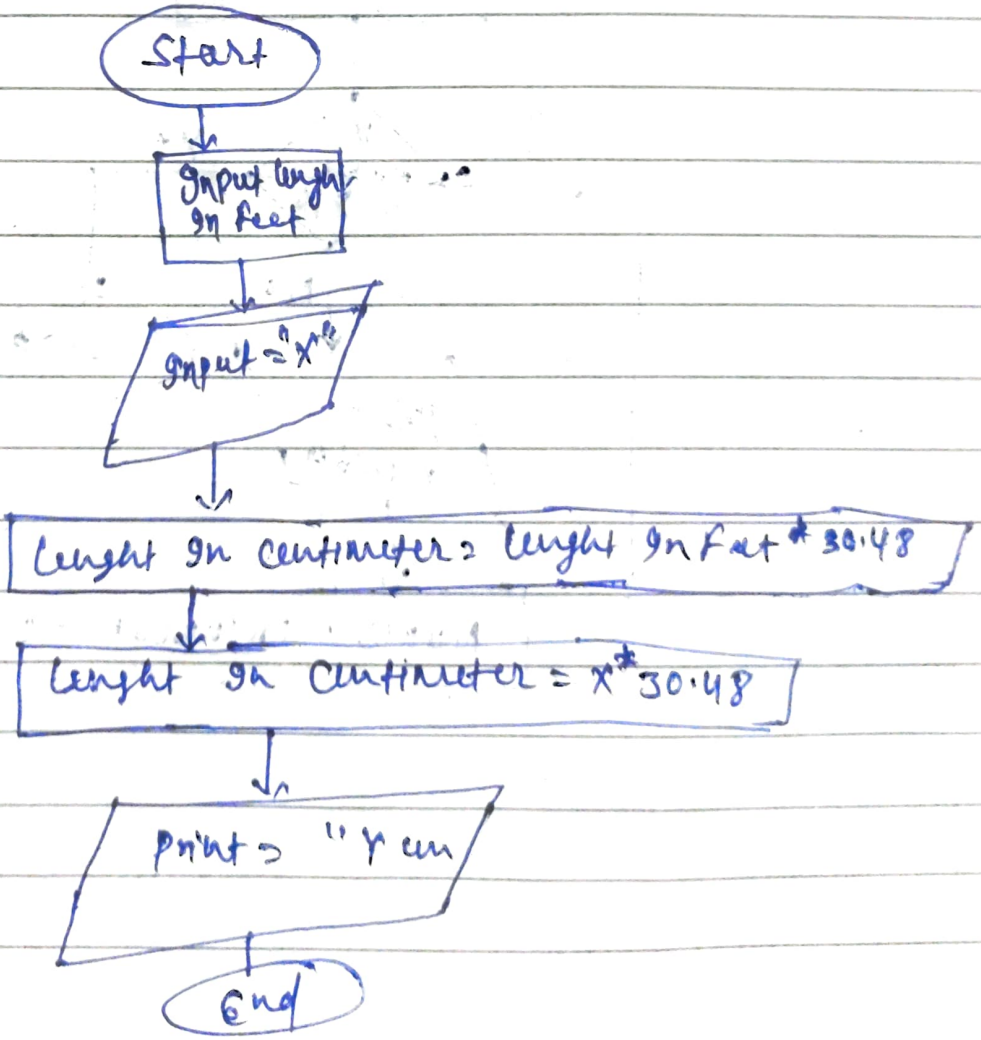
Step-④ Else c is smallest among the



⑤ Read the number in inches and convert into meter

Start
Declare x, In Feet
Input = x feet
cm = x * 30.48
print = y cm
exit

flow chart



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

Initialize number = 2

first even numbers between 1 to 10

If number > 10

number = number + 2