Algorithm of question# 01:

Step 1: Start

Step 2: Enter a,b

Step 3: Read a,b

Step 4: Sum=a+b

Step 5: Average=Sum/2

Step 6: Print Average

Step 7: Stop

Algorithm of question# 02:

Step 1: Start

Step 2: Enter L,B

Step 3: Read L,B

Step 4: Area=L x B

Step 5: Print Area

Step 6: Stop

Algorithm of question# 03:

Step 1: Start

Step 2: Enter lengths a,b,c and d

Step 3: Read lengths a,b,c and d

Step 4: a+b>c and b+c>d and c+d>a and d+a>c

Step 5: Put a,b,c and d can form a valid square or not

Step 6: Stop

Algorithm of question# 04:

Step 1: Start

Step 2: Enter alphabet c

Step 3: Read c

Step 4: c="a" or c="e" or c="i" or c="o" or c="u" or c="A" or c="E" or c="I" or c="O" or c="U"

Step 5: Put "the entered alphabet is a vowel or not"

Step 6: Stop

Step 1: Start

Step 2: Enter n

Step 3: Read n

Step 4: n%9=0

Step 5: Put "n is divisible by 9 or not"

Step 6: Stop