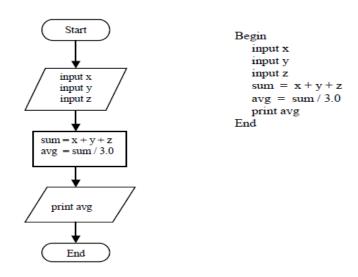
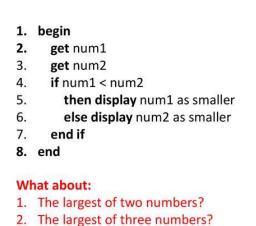


### Average of 3 Numbers - sequence



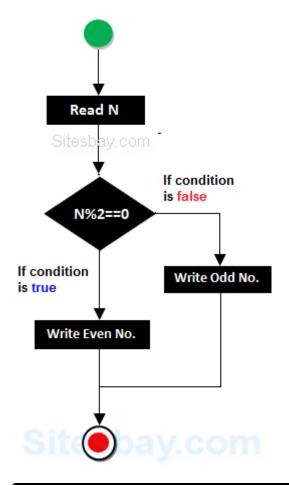
# Algorithm to input two numbers and print the smaller number



3. The median of three numbers?

# Read Num1 Read Num2 Num1 < No Num2? Yes Display Display Num2 as min Stop

Start



```
Step 1: Start
Step 2: Declare variables n, i, flag
Step 3: Initialize variables flag=1, i=2
Step 4: Read n from user
Step 5: If n<=1
                           // Any number below 1 is not prime
            Display "n is not a prime number"
           Goto step 7
Step 5: Repeat the steps until i < [(n/2)+1]
            5.1 If remainder of n divide i equals to 0,
                    Set flag=0
                    Goto step 6
           5.2 i=i+1
Step 6: If flag==0,
            Display "n is not prime number"
        Else
            Display "n is prime number"
Step 7: Stop
```

## Example 4

## · Algorithm:

• Step 1: Input a, b, c

• Step 2:  $d \leftarrow \operatorname{sqrt}(b \times b - 4 \times a \times c)$ 

• Step 3:  $x1 \leftarrow (-b+d)/(2 \times a)$ 

• Step 4:  $x2 \leftarrow (-b-d)/(2 \times a)$ 

• Step 5: Print x1, x2

