

## ALGORITHM TO FIND THE SECOND LARGEST NUMBER AMONG THREE NUMBERS

Step1: Start

Step2: Declare variable x, y, z and a, b

Step3: Read variables x, y, z.

Step4: if  $x > y$  then

$a = x$

$b = y$

else

$a = y$

$b = x$

ENDIF

Step5: Compare variable 'a' and 'b' with z.

Step6: if  $z > a$  then

$b = a$

$a = z$

else if  $z \leq a$  and  $z > b$  then

$b = z$

ENDIF

Step7: display b

Step8: Stop