

Question-2.

Write a program that reads four input integer values ( $>0$ ) from the user. The median of the four numbers is the average value of the two numbers in the middle of the ascending order. Hence, the median is the average value of the second largest number and the third largest number of the input four numbers.

For example, if the input numbers are 6, 3, 2, 7, we find the maximum value and the minimum value first, which are 7 and 2. Then we can subtract the two extreme value from the sum of the input numbers to get the sum of the second largest number and the third largest number, which is  $3+6 = 9$  here. Then we calculate the average of them to get the median of the input numbers is  $9/2 = 4.5$ .

Calculate and output the median of these four input integers.

*NOTE: Please do not use any loop or array in your program.*

*Expected Output:*

Example
<pre>Enter 4 integer values: 3 6 5 4 The median of 4 values is: 4.5</pre>