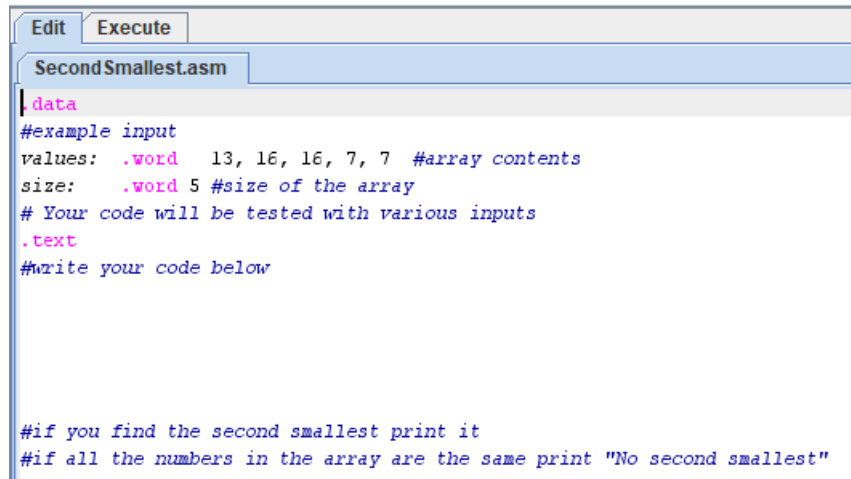


Homework : Find Second Minimum Value

In this homework you will implement a MIPS application which finds the second minimum value in the declared array. Below how an integer array can be defined is given.



```

Edit Execute
SecondSmallest.asm
.data
#example input
values: .word 13, 16, 16, 7, 7 #array contents
size: .word 5 #size of the array
# Your code will be tested with various inputs
.text
#write your code below

#if you find the second smallest print it
#if all the numbers in the array are the same print "No second smallest"
```

values contains the array elements and *size* describes the length of the array

Some example arrays and expected output are given below:

Array: [13, 16, 16, 7, 7]

Your output: 13

Array: [8, 8, 8]

Your output: There is No Second Smallest

Array: [7, 7, 6]

Your output: 7

Array: [8, 7]

Your output: 8

Array: [3, 3, 5, 3, 3, 5]

Your output: 5

Due date: 14.04.2021 23:59

Submission:

Submit your homework as a single asm file.

Important Note: All work should be your own work. Plagiarism will be penalized.

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