Assignment 2.2 - First Assembly Program

25/09/2024

0/25 Points

| Attempt 1 ⌄ | ◯ Review Feedback |

Offline Score:
0/25

💬 Add Comment

Anonymous Grading: **no**

Unlimited Attempts Allowed

25/09/2024

⌄ Details

Specifications

Write and document a MIPS assembler program to do the following:

1. Enter three integers from the keyboard
2. Calculate and display the sum of the numbers
3. Select and display the smallest of the numbers
4. Select and display the largest of the numbers
5. Allow multiple iterations

MIPS_Instruction_Set.pdf (https://slcc.instructure.com/courses/1004604/files/165676953?wrap=1) ⤓ (https://slcc.instructure.com/courses/1004604/files/165676953/download?download_frd=1) ⊛

MIPS Loop Example-1.pdf (https://slcc.instructure.com/courses/1004604/files/165676954?wrap=1) ⤓ (https://slcc.instructure.com/courses/1004604/files/165676954/download?download_frd=1) ⊛

Sample Output :

```
-------------------------------------------------------------------------------------------
Enter 3 whole numbers to display: the largest, the smallest, and the sum
-------------------------------------------------------------------------------------------

Enter the first number: 3
Enter the second number: 6
Enter the third number: 1

The sum of the entered numbers is: 10
The smallest number is: 1
The largest number is: 6

Would you like to try again? (Enter any number for no and 0 for yes)
0

Enter the first number: 9
Enter the second number: 1
Enter the third number: 2

The sum of the entered numbers is: 12
The smallest number is: 1
The largest number is: 9

Would you like to try again? (Enter any number for no and 0 for yes)
1
Thank you for using the program, see you next time!
```

Submission:

Submit your .asm file.

∨ View Rubric

Assignment 4 - First Assembly Program

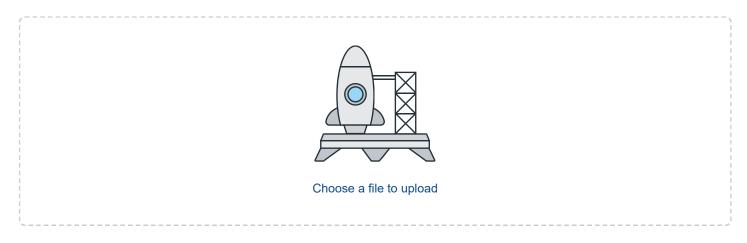| Criteria	Ratings	Pts
Enter 3 integers from keyboard.		/ 5 pts
Calculate and display the sum of the numbers.		/ 5 pts
Select and display the smallest of the numbers		/ 5 pts
Select and display the largest of the numbers		/ 5 pts
Allow multiple iterations		/ 5 pts
		Total Points: 0

Choose a submission type

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or

📷 Webcam Photo

📁 Canvas Files