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#Robert Maldonado, CS 2318-003, Assignment 2 Part 1 Program D
#This program takes input from the user to calculate the weighted average.
#It takes 3 different scores, all of them calculated differently, then adds
#them together to get the final score.
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        .data
exam1Prompt: .ascii "Enter score for Exam 1: "
exam2Prompt: .ascii "Enter score for Exam 2: "
exam3Prompt: .ascii "Enter score for Final Exam: "
avgScore:   .ascii "The weighted average is: "
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```
        .text
        .globl main

main:

        #Exam score 1 prompt
        li $v0, 4
        la $a0, exam1Prompt
        syscall
        li $v0, 5
        syscall
        move $t0, $v0

        #Exam score 2 prompt
        li $v0, 4
        la $a0, exam2Prompt
        syscall
        li $v0, 5
        syscall
        move $t1, $v0

        #Exam score 3 prompt
        li $v0, 4
        la $a0, exam3Prompt
        syscall
        li $v0, 5
        syscall
        move $t2, $v0

        #Finding exam 1 score
        li $t5, 63
        mul $t0, $t0, $t5
        li $t5, 256
        div $t0, $t0, $t5

        #Finding exam 2 score
        sll $t1, $t1, 7
        li $t5, 504
        div $t1, $t1, $t5

        #Finding final exam score
        sra $t2, $t2, 1

        #Finding the final average
        li $t4, 0
        add $t4, $t4, $t0
```

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add $t4, $t4, $t1
add $t4, $t4, $t2

#Outputting the average score to user
li $v0, 4
la $a0, avgScore
syscall
li $v0, 1
move $a0, $t4
syscall

#Exiting the program
li $v0, 10
syscall
```