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1 #####
2 # William Hunt, CS 2318-253, Assignment 2 Part 1 Program D
3 #####
4 # Takes in user input for use in Exam Scores and then makes an average score
5 # calc. based on given calculation
6 ##### data segment #####
7
8
9     .data
10  intEOne:    .word 205
11  intETwo:    .word 854
12  exam1:      .ascii "Enter your test score for Exam One: "
13  exam2:      .ascii "Please enter your test score for Exam Two: "
14  final:      .ascii "Please enter your test score for the Final: "
15  score:      .ascii "Your average score is calculated to be: "
16              .text
17              .globl main
18  main:
19
20              #Exam 1
21
22              la $a0, exam1 #Load into address
23              li $v0, 4
24              syscall
25              li $v0, 5
26              syscall
27              move $t1, $v0
28
29              #Exam 2
30              la $a0, exam2
31              li $v0, 4
32              syscall
33              li $v0, 5
34              syscall
35              move $t2, $v0
36
37              #Final Exam Read
38              la $a0, final
39              li $v0, 4
40              syscall
41              li $v0, 5
42              syscall
43              move $t3, $v0
44
45              #Calc Exam 1
46              la $t0, intEOne
47              lw $t0, 0($t0)
48              mult $t1, $t0
49              mflo $t1
50              srl $t1, $t1, 10
51              #Calc Exam 2
52              sll $t2, $t2, 8
53              la $t0, intETwo
54              lw $t0, 0($t0)
55              div $t2, $t0
56              mflo $t2
57              #Calc Final
58              srl $t3, $t3, 1
59              #Calc Avg
60              la $a0, score
61              li $v0, 4
62              syscall
63              add $t1, $t1, $t2
64              add $a0, $t1, $t3
65              li $v0, 1
66              syscall

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67
68 #Exit Here
69 li $v0, 10
70 syscal
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