```
        .data
A:      .word  5
B:      .word  10

        .globl outputAMsg
outputAMsg:
        .asciiz "\n A = "
        .globl outputBMsg
outputBMsg:
        .asciiz "\n B = "
        .globl blankMsg
blankMsg:
        .asciiz "   "

        .text
        .globl  foo
foo:
        lw      $t0, 0($a0)
        lw      $t1, 0($a1)
        sw      $t0, 0($a1)
        sw      $t1, 0($a0)
        jr      $ra


        .globl main
main:
        addu    $s7, $0, $ra

        la      $a0, A
        la      $a1, B
        jal     foo

        li      $v0, 4
        la      $a0, outputAMsg
        syscall
        li      $v0, 1
        lw      $a0, A
        syscall
        li      $v0, 4
        la      $a0, blankMsg

                #Output B
        li      $v0, 4
        la      $a0, outputBMsg
        syscall
        li      $v0, 1
        lw      $a0, B
        syscall

        addu    $ra, $0, $s7
        jr      $ra
        add     $0, $0, $0
```