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Bài 4

Source code:

.data

A: .word 1,10,2,31,12

Aend: .word

.text

main:

la $a0, A

la $a1, Aend

addi $a2, $a0, 4

j sort

after\_sort:

li $v0, 10

syscall

end\_main:

sort:

beq $a2, $a1, done

j loop

after\_loop:

addi $a2,$a2,4

j sort

done: j after\_sort

loop:

addi $t0, $a2,-4

lw $t1, 0($a2)

condition:

slt $t2,$t0,$a0

bne $t2,$0,ret

condition2:

lw $t3,0($t0)

slt $t2,$t1,$t3

beq $t2, $0,ret

sw $t3,4($t0)

addi $t0,$t0,-4

j condition

ret:

sw $t1,4($t0)

j after\_loop

kết quả :

