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ASSIGNMENT 1

.eqv SEVENSEG\_LEFT 0xFFFF0011 # Dia chi cua den led 7 doan trai.

# Bit 0 = doan a;

# Bit 1 = doan b; ...

# Bit 7 = dau .

.eqv SEVENSEG\_RIGHT 0xFFFF0010 # Dia chi cua den led 7 doan phai

.text

main:

li $a0, 0x8 # set value for segments

jal SHOW\_7SEG\_LEFT # show

nop

li $a0, 0x1F # set value for segments

jal SHOW\_7SEG\_RIGHT # show

nop

exit: li $v0, 10

syscall

endmain:

#---------------------------------------------------------------

# Function SHOW\_7SEG\_LEFT : turn on/off the 7seg

# param[in] $a0 value to shown

# remark $t0 changed

#---------------------------------------------------------------

SHOW\_7SEG\_LEFT: li $t0, SEVENSEG\_LEFT # assign port's address

sb $a0, 0($t0) # assign new value

nop

jr $ra

nop

#---------------------------------------------------------------

# Function SHOW\_7SEG\_RIGHT : turn on/off the 7seg

# param[in] $a0 value to shown

# remark $t0 changed

#---------------------------------------------------------------

SHOW\_7SEG\_RIGHT: li $t0, SEVENSEG\_RIGHT # assign port's address

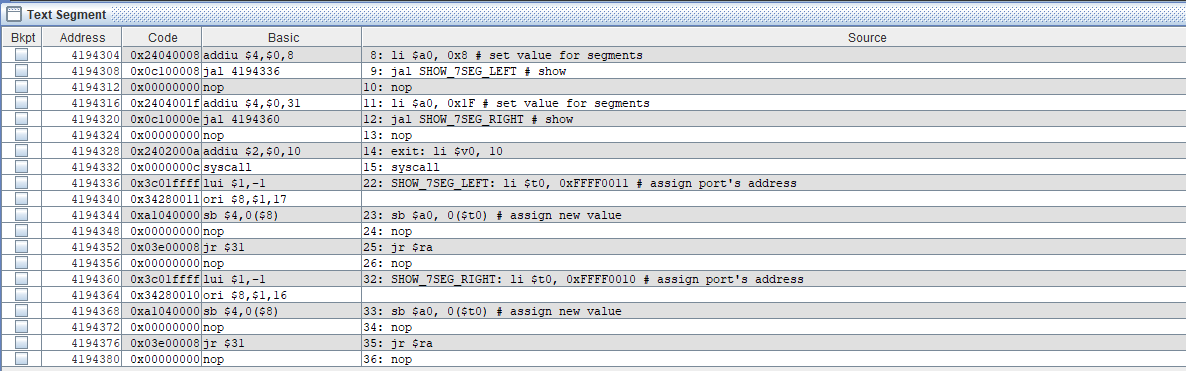
sb $a0, 0($t0) # assign new value

nop

jr $ra

nop

* Bảng Text Segment :



* Kết quả :

