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CS350

Lab5

QUESTION 1(part 1):

t0=var1, t1=var2

If (var1 >= var2)

ANSWER: (IF $t3 == 1, then var1 >= var2.IF $t3 == 0, then !(var1 >= var2))

Bne $t0, $t1, ELSE

Slt $t2, $t1, $t0

Bne $t2, 1, ELSE

Addi $t3, $t3, 1

J Exit

ELSE:

Addi $t3, $t3, 0

EXIT:

Li $vo, 10

Syscall

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QUESTION 1(part 2):

t0=var1, t1=var2

If (var1 > var2)

ANSWER:(IF $t3 == 1, then var1 >= var2.IF $t3 == 0, then !(var1 >= var2))

Slt $t2, $t1, $t0

Bne $t2, 1, ELSE

Addi $t3, $t3, 1

J Exit

ELSE:

Addi $t3, $t3, 0

EXIT:

Li $vo, 10

syscall