.data

instr: .asciiz "abcdba"

l\_of\_str: .word 6

.text

auipc x3 65536

addi x3 x3 0

lw x4 l\_of\_str

addi x5 x0 0

addi x6 x0 4

addi x8 x0 0

addi x7 x4 -1

add x7 x7 x3

add x9 x8 x3

l1:

bge x5 x4 end

lb x10 0(x7)

lb x11 0(x9)

bne x10 x11 end

addi x5 x5 2

addi x7 x7 -1

addi x9 x9 1

beq x0 x0 l1

end: