There appears to be double adjustment of index $t9:

lw $a0, tokenTab($t9) # TOKEN

lw $a1, tokenTab+4($t9)

li $t0, 12

div $t9, $t9, $t0

li $a2, 0 # DEFN = 0

jal VAR

nextVar:

lb $t8, tokenTab($t9)

li $s7, 1

bne $t8, ',', resetFlag

b nextToken

resetFlag: li $s7, 0

nextToken:

li $t0, 12

div $t9, $t9, $t0

addi $t9, $t9, 1

b chkVar

This should be corrected to:

lw $a0, tokenTab($t9) # TOKEN

lw $a1, tokenTab+4($t9)

~~li $t0, 12~~

~~div $t9, $t9, $t0~~

li $a2, 0 # DEFN = 0

jal VAR

nextVar:

lb $t8, tokenTab($t9)

li $t0, 12

div $t9, $t9, $t0

li $s7, 1

bne $t8, ',', resetFlag

b nextToken

resetFlag: li $s7, 0

nextToken:

~~li $t0, 12~~

~~div $t9, $t9, $t0~~

addi $t9, $t9, 1

b chkVar