Alexander Krivitsky
11/27/2022
ECS 50

HW# 7

1.)

a.) LDA# AAA

    = li $r6, 0xAAA

b.) LDA AAA

    = la $r6, 0xAAA

c.) LDA+ AAA

    = add $r6, AAA, $r8

      lw $r6, 0($r8)

d.) LDA* AAA

    = lw $r6, 0(AAA)

      lw $r6, 0($r6)

e.) LDA& AAA

      = add $r6, AAA, $r8

        lw $r6, 0($r8)

        lw $r6, 0($r6)

f.) LDA# ! AAA

      = add $r6, AAA, $r30

        li $r6, 0($r30)

f.) LDA ! AAA

      = add $r6, AAA, $r30

        lw $r6, 0($r30)

h.) LDA+ ! AAA

      = add $r6, AAA, $r30,$r8

        lw $r6, 0($r6)

i.) LDA* ! AAA

      = add $r6, AAA, $r30

        lw $r6, 0($r6)

        lw $r6, 0($r6)

j.) LDA& ! AAA

      = add $r6, AAA, $r8, $r30

        lw $r6, 0($r8)

        lw $r6, 0($r6)