Sean Mulhall

Computer Organization

Homework 1

add $t0, $s5, $s5

add $t0, $t0, $t0,

add $t0, $t0, $zero

lw $t0, 8($s5)

sub $t1, $s1, $t0

add $t0, $s0, $t1

2.

add $t0, $s1, $s2

beq $s0, $t0, else

add $s0, $s1, $s2

add $s1, $s2, $s3

J endif

Else: add $s2, $s0, $s1

Endif: ----------

3.

|35|16|8|4|

|0|9|10|8|0|32|

|0|20|8|19|0|34|

|43|16|8|8|

4.

startdo: add $s2, $s2, $s0

add $s0, $s0, $s0

bne $s0, $s1, startdo

--------------------

5.

startwhile: beq $s5, $s0, endwhile

add $t0, $s4, $s4,

add $t0, $t0, $t0

lw $t1, 0($t0)

add $t1, $s0, $zero

add $s4, $s4, $s2

J startwhile

Endwhile: ---------