2020203002 박상준

1)

$t0 = $s0 + $s1

= 0x8000-0000-0000-0000 +

0xD000-0000-0000-0000

= 0x15000-0000-0000-0000

2)

Overflow가 일어난다

3)

$t0 = $s0 - $s1

= 0x8000-0000-0000-0000 -

0xD000-0000-0000-0000

= -0x5000-0000-0000-0000

4)

원하는 결과이다.

2.

```
nor $t1, $t2, $zero
```

3.

```
lw $t1, 0($s0)
sll $t0, $t1, 4
```

4.

```
    move  $t0, $zero
L1: slt   $t2, $t0, $s0
    beq   $t2, $zero, Exit
    move  $t1, $zero
L2: slt   $t2, $t1, $s1
    beq   $t2, $zero, L3
    add   $t2, $t0, $t1
    sll   $t4, $t1, 2
    add   $t3, $t4, $s2
    sw    $t2, 0($t3)
    addi  $t1, $t1, 1
    j     L2
L3: addi  $t0, $t0, 0
    j     L1
Exit:
```