

Lecture 16 Program 2

```
# Lecture 16 Program 2
# Outputting the bytes of a 32-
# bit number as signed numbers.
```

```
main:    .text
         li $t0, 0x84c732d6
         li $t1, 4
loop:    rol $t0, $t0, 8
         andi $t2, $t0, 0xff
         sb $t2, data1
         lb $a0, data1
         li $v0, 1
         syscall
         li $a0, 0x0a
         li $v0, 11
         syscall
         sub $t1, $t1, 1
         bnez $t1, loop
         li $v0, 10
         syscall
         .data
data1:   .space 1
```