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# Lecture 14 Exercise 2
# Reversing the order of a string
# of numbers using the stack and
# two simple loops.
          . text
!i $t2,4
mai n:
          la $t1, num1
I oop:
          Iw $t0,0($t1)
          sub $sp, $sp, 4
          sw $t0,0($sp)
          sub $t2, $t2, 1
beqz $t2, print
addi $t1, $t1, 4
          j loop
          li $t2,4
lw $a0,0($sp)
print:
next:
          addi $sp, $sp, 4
Li $v0, 1
          syscall
li $v0,11
li $a0 0x0a
          syscal I
          sub $t2, $t2, 1
          beqz $t2, done
          j next
          Ii $v0, 10
done:
          syscal I
          . word 34527
. word 98564
num1:
num2:
          . word 12953
num3:
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num4:

.word 68577