

```
        .data
test:    .space 4
        .text
        .globl main
main:     li $t0, 0x11223344 # number to be converted supposed to be in $t0
        la $t1, test
        sw $t0, ($t1)      # store to address pointed by label test

# start of conversion
        lb $t2, ($t1)
        lb $t3, 3($t1)
        sb $t3, ($t1)
        sb $t2, 3($t1)

        lb $t2, 1($t1)
        lb $t3, 2($t1)
        sb $t3, 1($t1)
        sb $t2, 2($t1)

        jr $ra
```