

```
sw $31, -4($30) ; Save $31 on the stack
lis $31
.word 4
sub $30, $30, $31

; Call recSum(13)
lis $4
.word recSum
lis $1
.word 13
jalr $4

; Restore $31 from the stack
lis $31
.word 4
add $30, $30, $31
lw $31, -4($30)

; Return to OS
jr $31
```