

```

sw $31, -4($30)    ; Save $31 on the stack
sw $4, -8($30)     ; Save $4 on the stack
lis $31
.word 8
sub $30, $30, $31

```

} save

```

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

```

} body

```

; Restore $31 and $4 from the stack
lis $31
.word 8
add $30, $30, $31
lw $31, -4($30)
lw $4, -8($30)

```

} restore

```

; Return to OS
jr $31

```