6502 parameter passing and local variables

The strategy for parameters is to leave them on the stack and manipulate them there.

LDA VAR

PHA

LDA VAR+1

PHA

LDA VAR2

PHA

LDA VAR2+1

JSR SUBROUTINE

PLA

PLA

PLA

PLA

SUBROUTINE

LDA BASE

PHA

LDA BASE+1

PHA

TSX

TXA

CLC

ADC #$04

STA BASE

LDA #1

STA BASE+1