Val2 + 9 + val3 – val1

.section .data

Val1: .word 6

Val2: .word 11

Val3: .word 16

Section .text

.globl \_start

\_start:

Ldr r1, =val2

Ldr r1, [r1]

Ldr r2, =9

Ldr r2, [r2]

Add r1, r1, r2

Ldr r3, =val3

Ldr r3, [r3]

Ldr r4, =val1

Ldr r4, [r4]

Sub r3, r3, r4

Add r1, r1, r3

Mov r7, #1

Svc #0

.end