```
# Chuong trinh: f(a,b,c)=a-b+c
# f(1,2,3)= 2; f(11,24,5)= -8
#-----------------------------------
# Data segment
     .data
# Cac dinh nghia bien
int_a:    .word     0
int_b:    .word     0
int_c:    .word     0
int_f:    .word     13
# Cac cau nhac nhap/xuat du lieu
Nhap_a:   .asciiz   "Nhap a: "
Nhap_b:   .asciiz   "Nhap b: "
Nhap_c:   .asciiz   "Nhap c: "
Xuat_kq:  .asciiz   "f(a,b,c)= "
#-----------------------------------
# Code segment
     .text
     .globl    main
#-----------------------------------
# Chuong trinh chinh
#-----------------------------------
main:
# Nhap (syscall)
  # Nhap a
     la   $a0,Nhap_a
     addi $v0,$zero,4
     syscall
     addi $v0,$zero,5
     syscall
     sw   $v0,int_a
  # Nhap b
     la   $a0,Nhap_b
     addi $v0,$zero,4
     syscall
     addi $v0,$zero,5
     syscall
     sw   $v0,int_b
  # Nhap c
     la   $a0,Nhap_c
     addi $v0,$zero,4
     syscall
     addi $v0,$zero,5
     syscall
     sw   $v0,int_c
# Xu ly
  # t0=a/f, t1=b/c
  # f=a-b
     lw   $t0,int_a
     lw   $t1,int_b
     sub  $t0,$t0,$t1
  # f=(a-b)+c  [f+c]
     lw   $t1,int_c
     add  $t0,$t0,$t1
```

```
  # luu ket qua
     sw   $t0,int_f
# Xuat ket qua (syscall)
     la   $a0,Xuat_kq
     addi $v0,$zero,4
     syscall
     lw   $a0,int_f
     addi $v0,$zero,1
     syscall
# Ket thuc chuong trinh (syscall)
Kthuc:    addiu     $v0,$zero,10
     syscall
#-----------------------------------
```