

## **PW N° 02**

### **Exercise1:**

Write an assembly program that asks the user to enter their name, first name and age, so the program redisplay the information read on the keyboard.

### **Exercise2:**

Here is the assembly code in MIPS. What is the role of this program?

```
.data
str:.asciiz " the answer is:"
x:.word 10
y:.word 15
.text
li $v0,4
la $a0,str
syscall
lw $t0,x
lw $t1,y
add $t2,$t0,$t1
li $v0, 1
move $a0,$t2
syscall
li $v0, 10
syscall
```

Modify the program to make a multiplication ( $F=x*y$ ) then a division ( $x/y$ ).

### **Exercise3:**

Write an assembly program that asks the user for two integers X and Y then calculate: X+ Y

- X-Y
- X.Y
- X/Y
- XmodY