Made by :

Mahmoud Mousatat

LAB 8

1:

.data

  w: .float 32.0

  a: .float 5.0

  b: .float 9.0

  c: .float 0.0

.text

  addi $v0, $v0, 6

  syscall

  mov.s $f3, $f0

  l.s $f2 w

  l.s $f0 c

  add.s $f12 $f3 $f0

  sub.s $f1, $f3, $f2

  l.s $f2 a

  mul.s $f1, $f1, $f2

  l.s $f2 b

  div.s $f1, $f1, $f2

  add.s $f12, $f1, $f0

  addi $v0, $zero, 2

  syscall

2

.data

o: .float 2.71828

mo: .float 3.1415

.text

l.s $f1, o

l.s $f2, mo

mul.s $f1, $f1, $f1

div.s $f3, $f1, $f2

li $v0, 2

mov.s $f12, $f3

syscall

li $v0, 10

Syscall

Ex2

.data

inputText: .asciiz "Enter your numbers man come on: "

.text

li $v0, 4

la $a0, inputText

syscall

li $v0, 5

syscall

move $a0, $v0

li $a1, 0

li $a2, 1

jal ssss

li $v0, 1

move $a0, $a1

syscall

li $v0, 10

syscall

ssss:

add $a1, $a1, $a2

beq $a2, $a0, exit

add $a2, $a2, 1

j ssss

exit:

jr $ra