Docente: Ing Diego Quisi.

Alumno: Juan Cañar.

C:\Program Files\CLIPS 6.31\CLIPSDOS64.exe

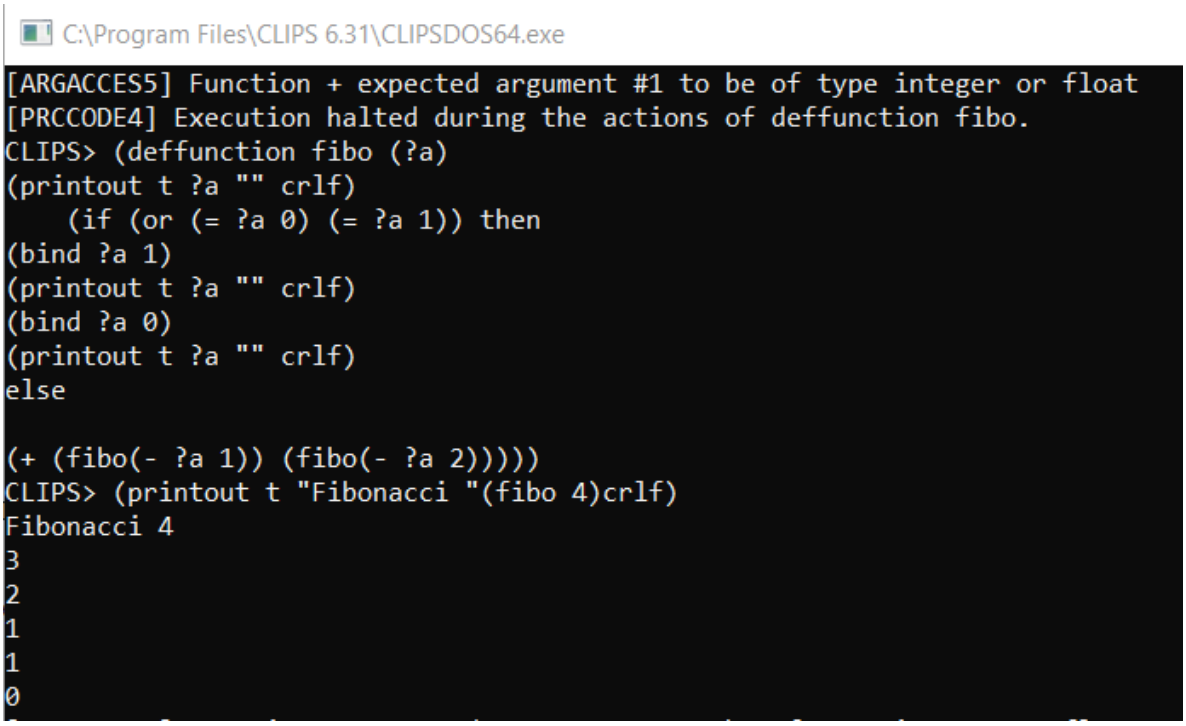
```
         CLIPS (6.31 6/12/19)
CLIPS> (deffunction numPrimo (?x)
(bind ?cont 0)
(bind ?aux (- ?x 1))
(loop-for-count(?i 2 ?aux)
(if (=(mod ?x ?i) 0)
then
(if (neq ?x 2)
then
(bind ?cont 1)
)
)
)
(if (= ?cont 1)
then
(printout t "El numero " ?x " no es primo." crlf)
else
(printout t "El numero " ?x " es primo." crlf)
)
)
CLIPS> ( printout t "Respuesta " (numPrimo 4)crlf)
Respuesta El numero 4 no es primo.

CLIPS> ( printout t "Respuesta " (numPrimo 5)crlf)
Respuesta El numero 5 es primo.

CLIPS>
```

C:\Program Files\CLIPS 6.31\CLIPSDOS64.exe

```
CLIPS> (printout t " " (fi 4)crlf)
 3
CLIPS> (deffunction fibo (?n)
    (loop-for-count( ?cont 0 (- ?n 1) ) do
        (printout t "" (fi ?cont) crlf)
    )
)
CLIPS> (printout t "" (fibo 5) crlf)
0
1
1
2
3
FALSE
CLIPS>
```



Codigos :

Primo:

```
(deffunction numPrimo (?x)
    (bind ?cont 0)
    (bind ?aux (- ?x 1))
    (loop-for-count(?i 2 ?aux)
        (if (=(mod ?x ?i) 0)
        then
            (if (neq ?x 2)
            then
                (bind ?cont 1)
            )
        )
    )
    (if (= ?cont 1)
    then
        (printout t "El numero " ?x " no es primo." crlf)
    else
        (printout t "El numero " ?x " es primo." crlf)
    )
)

( printout t "Respuesta " (numPrimo 4)crlf)
( printout t "Respuesta " (numPrimo 5)crlf)
```

Fiboacci:

```
(deffunction fibo (?n)
   (loop-for-count( ?cont 0 (- ?n 1) ) do
      (printout t "" (fi ?cont) crlf)
   )
)
(printout t "" (fibo 5) crlf)
```

```
(deffunction fibo (?a)
    (printout t ?a "" crlf)
    (if (or (= ?a 0) (= ?a 1)) then
        (bind ?a 1)
        (printout t ?a "" crlf)
        (bind ?a 0)
        (printout t ?a "" crlf)
    else

    (+ (fibo(- ?a 1)) (fibo(- ?a 2)))))

(printout t "Fibonacci "(fibo 4)crlf)
```