Practica 3

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26 de diciembre de 2022

EJERCICIO 1
Define the TM solution of exercise 3.4 of the problem list and test its correct behaviour.

TALF/PRACTICA 3/capturaEjer1.png

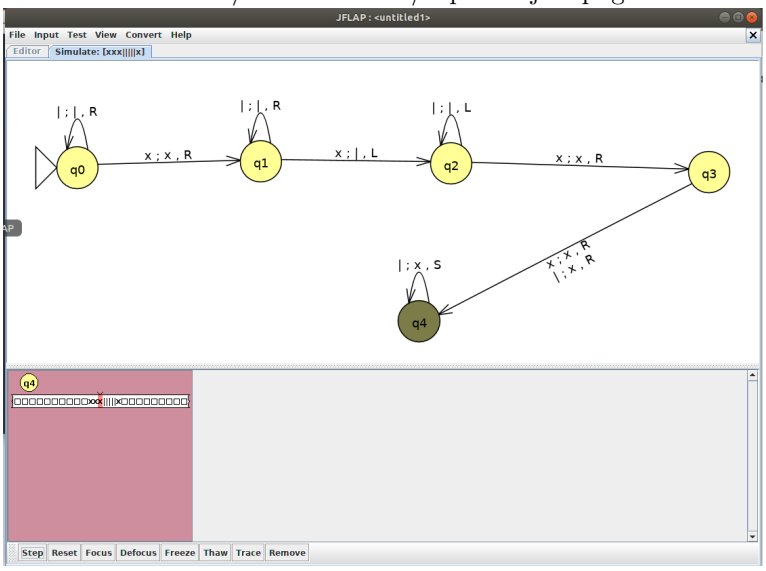

Figura 1: Figura ejercicio 1

EJERCICIO 2

Define a recursive function for the sum of three values.

TALF/PRACTICA 3/capturaEjer2.png

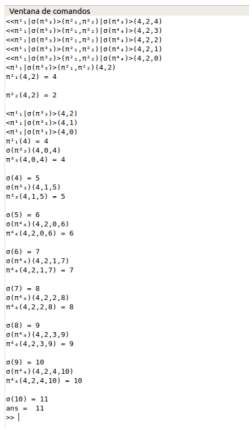

Figura 2: Figura ejercicio 1

EJERCICIO 3

Implement a WHILE program that computes the sum of three values. You must use an auxiliary variable that accumulates the result of the sum.

Q: (3,4,s)
s:
while X1 != 0 do
X1 := X1 - 1;
X2 := X2 + 1
od;
X4 := X2;
while X3 != 0 do
X3 := X3 - 1;
X4 := X4 + 1
od;
X1 := X4