

Practica 3

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Ejercicio 1

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

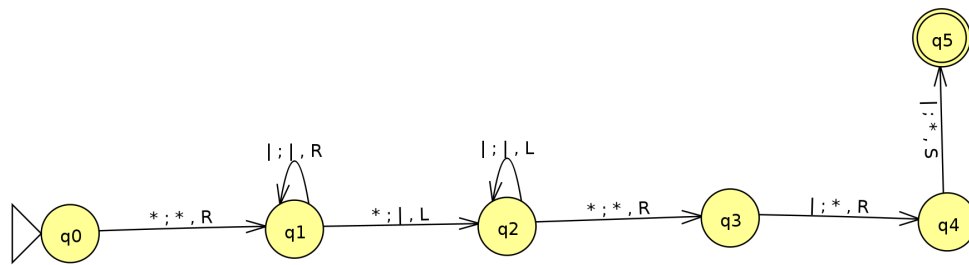


Figura 1: MT en JFLAP que calcula $\text{add}(x,y) = x + y$.

Ejercicio 2

Define a recursive function for the sum of three values: $\langle \pi_1^2 | \langle \pi_1^1 | \sigma(\pi_3^3) \rangle \rangle$

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.

Q3,3,s

[H]

while $G(X_2) \neq 0$ **do**

| $X_1 = X_1 + 1$; $X_2 = X_2 - 1$

end

while $G(X_3) \neq 0$ **do**

| $X_1 = X_1 + 1$; $X_3 = X_3 - 1$

end