3º PRACTICA

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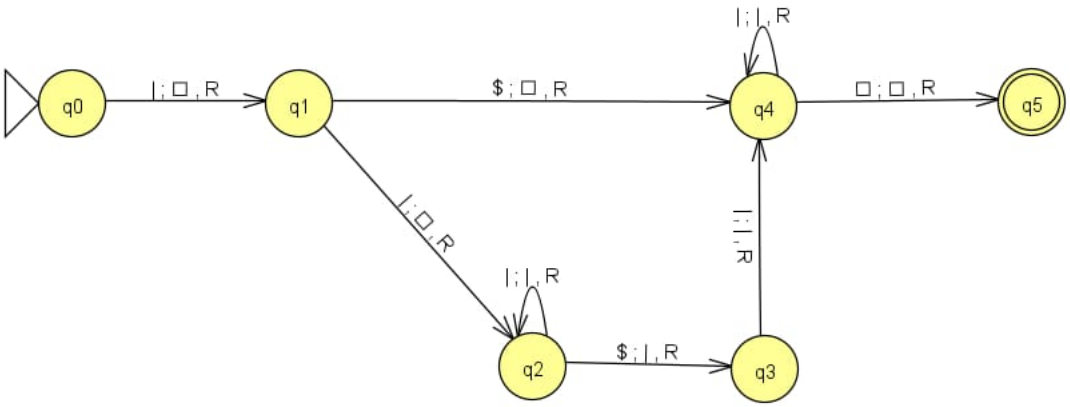
1 Ejercicio

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



2 Ejercicio

Define a recursive function for the sum of three values. .

```
octave:3> evalrecfunction ('suma3',6,4,1)
suma3(6,4,1)
<<n¹₁|σ(n³₃)>|σ(n⁴₄)>(6,4,1)
<<n¹₁|σ(n³₃)>|σ(n⁴₄)>(6,4,0)
<n¹₁|σ(n³₃)>(6,4)
<n¹₁|σ(n³₃)>(6,3)
<n¹₁|σ(n³₃)>(6,2)
<n¹₁|σ(n³₃)>(6,1)
<n¹₁|σ(n³₃)>(6,0)
n¹₁(6) = 6
σ(n³₃)(6,0,6)
n³₃(6,0,6) = 6

σ(6) = 7
σ(n³₃)(6,1,7)
n³₃(6,1,7) = 7

σ(7) = 8
σ(n³₃)(6,2,8)
n³₃(6,2,8) = 8

σ(8) = 9
σ(n³₃)(6,3,9)
n³₃(6,3,9) = 9

σ(9) = 10
σ(n⁴₄)(6,4,0,10)
n⁴₄(6,4,0,10) = 10

σ(10) = 11
ans =  11
```

3 Ejercicio

Implement a WHILE program that computes the sum of three values. You must use an auxiliary variable that accumulates the result of the sum.
[scale=0.5]WHILE.PNG