Realizar todo el proceso, desde la creación de la expresión regular hasta el autómata finito determinista

**ESPECIFICACIONES:**

El lenguaje regular es aquel que contiene todos los correos electrónicos aceptados en una página de internet, reduzcan el alfabeto de letras a (a, b, c) y de números (0, 1, 2).

* Debe tener @ y terminar con un . y una palabra de 2 o 3 caracteres

**Expresión regular:** (a|b|c)(a|b|c|0|1|2)+@(a|b|c|0|1|2)+.(a|b|c){2,3}

**Operaciones para generar la expresión regular**

r1 = a

r2 = b

r3 = c

r4 = 0

r5 = 1

r6 = 2

r7 = @

r8 = .

r9 = r1 | r2 = a |b

r10 = r9 | r3 = (a | b | c)

r11 = r4 | r5 = 0 | 1

r12 = r11 | r6 = 0 | 1 | 2

r13 = r10 | r12 = a | b | c | 0 | 1 | 2

r14 = r13+ = (a | b | c | 0 | 1 | 2)+

r15 = r10 | r13 = (a | b | c) (a | b | c | 0 | 1 | 2)+

r16 = r15 | r7 = (a | b | c) (a | b | c | 0 | 1 | 2)+ @

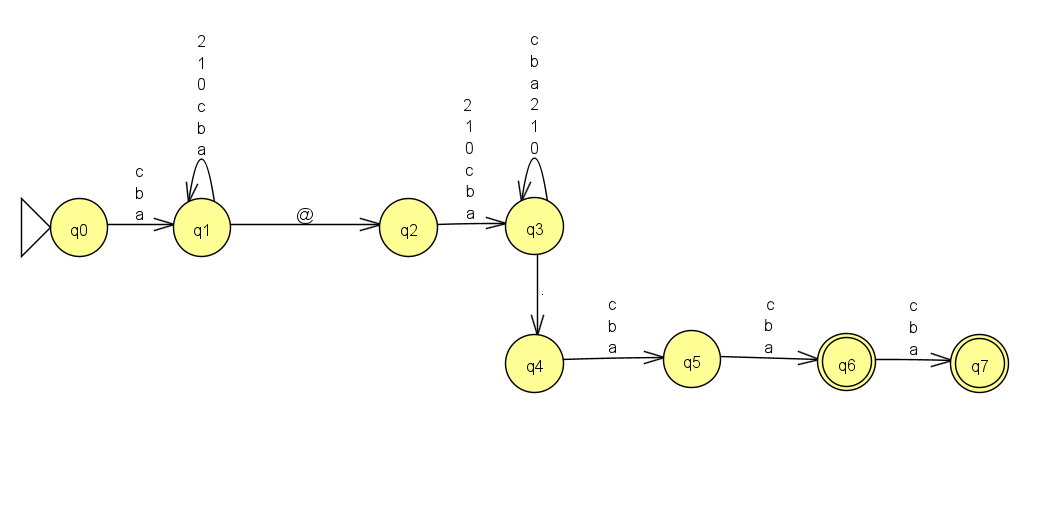
r17 = r16 | r14 = (a | b | c) (a | b | c | 0 | 1 | 2)+ @ (a | b | c | 0 | 1 | 2)+

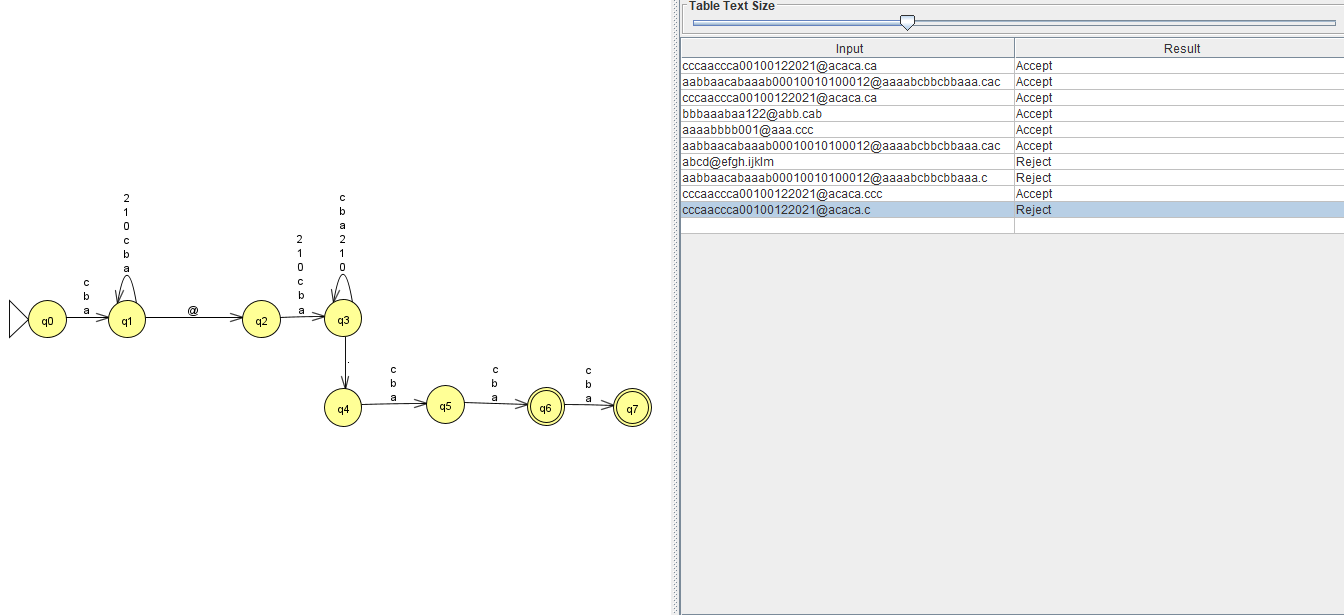
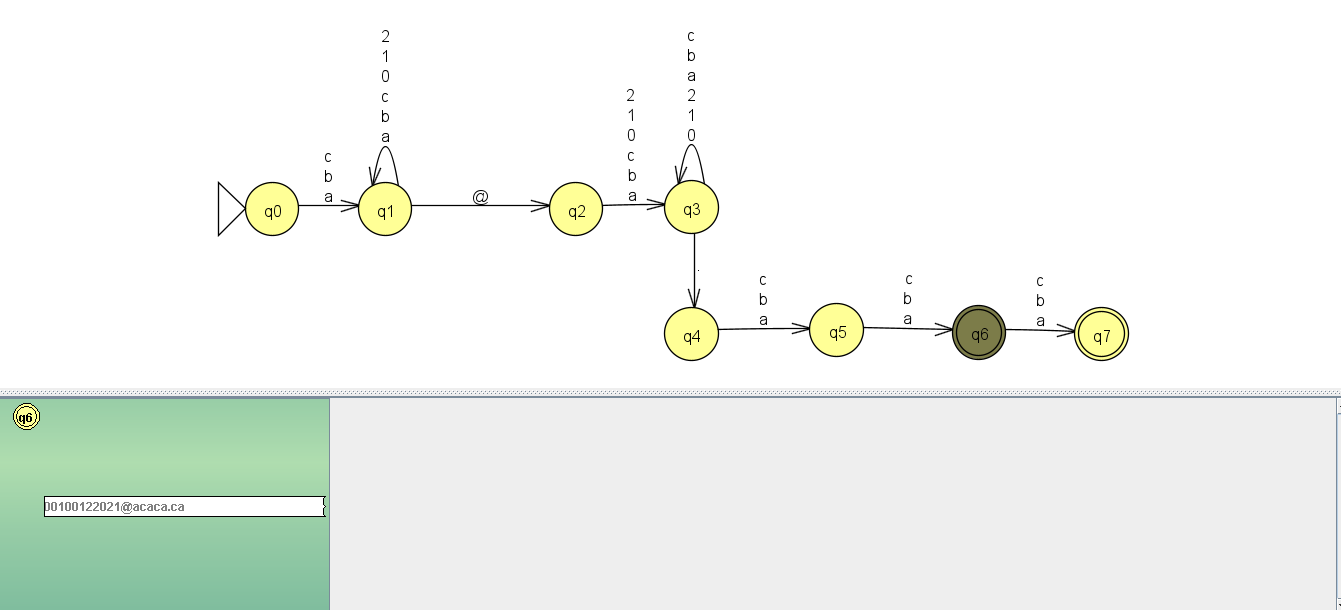
r18 = r17 | r8 = (a | b | c) (a | b | c | 0 | 1 | 2)+ @ (a | b | c | 0 | 1 | 2)+ .

r19 = r18 | r10 = (a | b | c) (a | b | c | 0 | 1 | 2)+ @ (a | b | c | 0 | 1 | 2)+ . (a | b | c)

r20 = r19 {2, 3} = (a | b | c) (a | b | c | 0 | 1 | 2)+ @ (a | b | c | 0 | 1 | 2)+.(a | b | c) {2, 3}

**Autómata Finito Determinista (AFD)**



Autómata probado