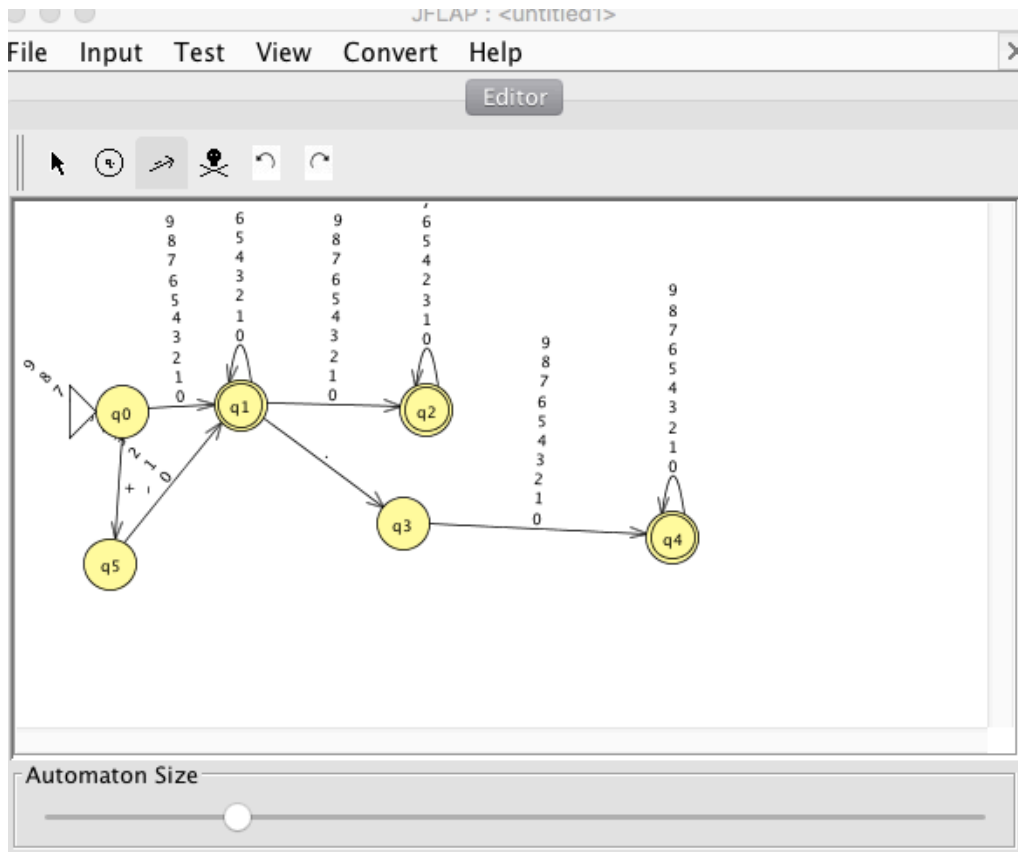
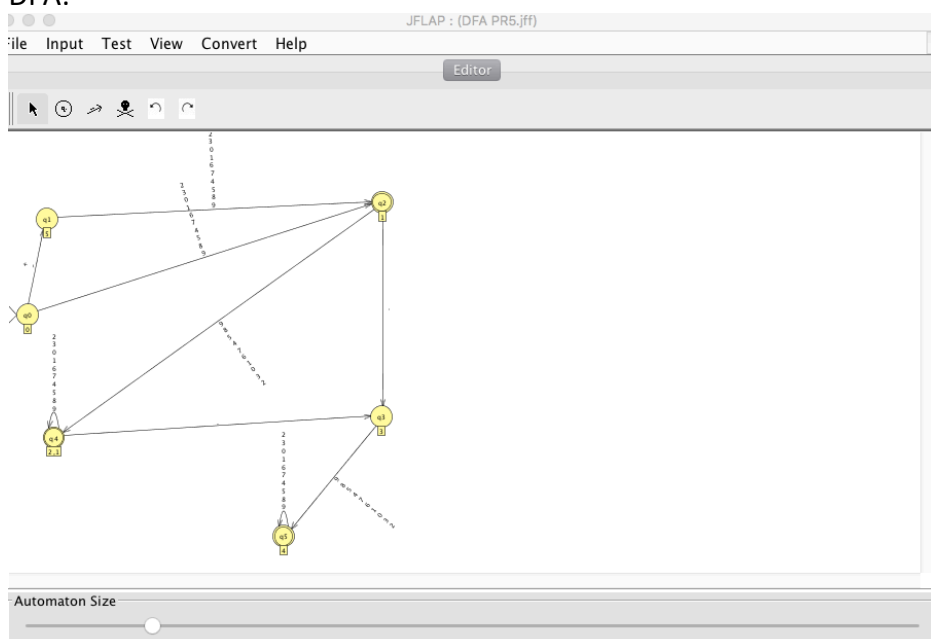


1. Diseñar un NFA para aceptar las cadenas sobre el alfabeto $[0..9]$ que representan números con punto decimal con un signo opcional. A partir del NFA diseñado obtenga un DFA mínimo equivalente.

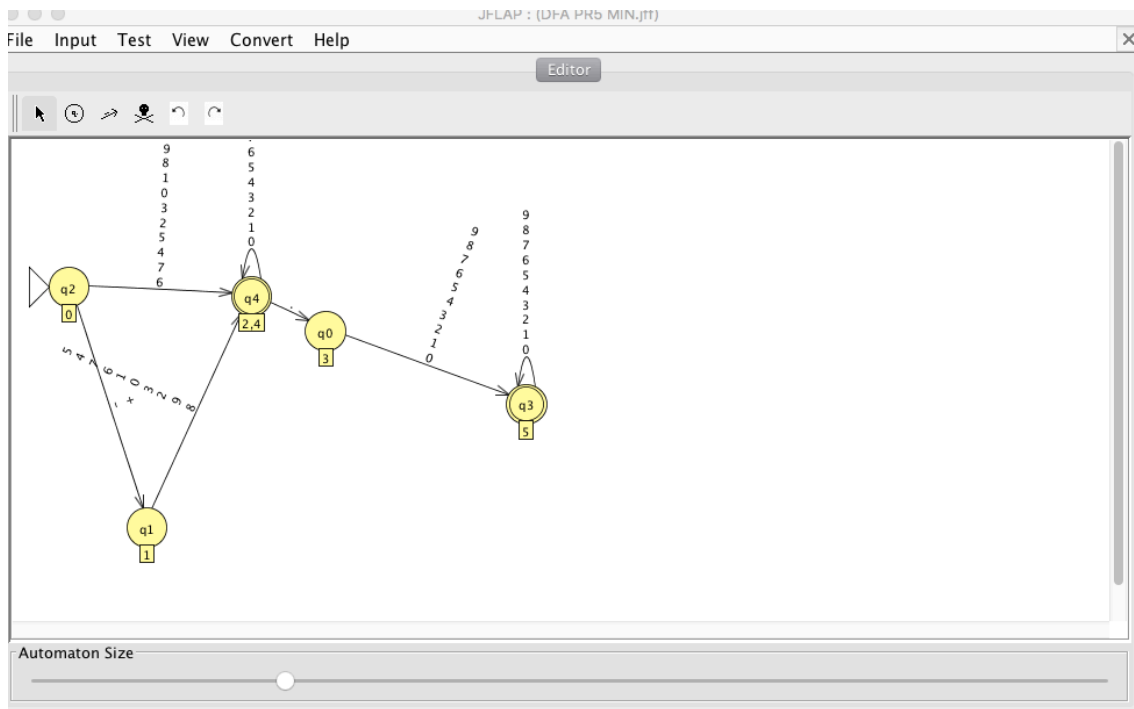
NFA:



DFA:



DFA MINIMO EQUIVALENTE:



PRUEBAS:

The DFA has 6 states: q0, q1, q2, q3, q4, and q5. q0 is the start state and q4 is the final state. The transitions are as follows:

- q0 to q1: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
- q1 to q0: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
- q1 to q2: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
- q2 to q1: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
- q2 to q3: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
- q3 to q2: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
- q3 to q4: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
- q4 to q3: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
- q0 to q5: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
- q5 to q0: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9

Table Text Size

Input	Result
0	Accept
-15	Accept
+7	Accept
3.25	Accept
-25.3	Accept
.43	Reject
+ -11	Reject
14+3.2	Reject
+	Reject

Load Inputs Run Inputs Clear Enter Lambda View Trace

