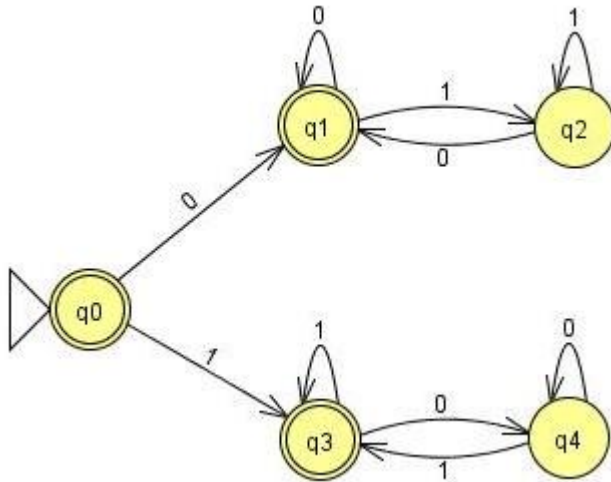
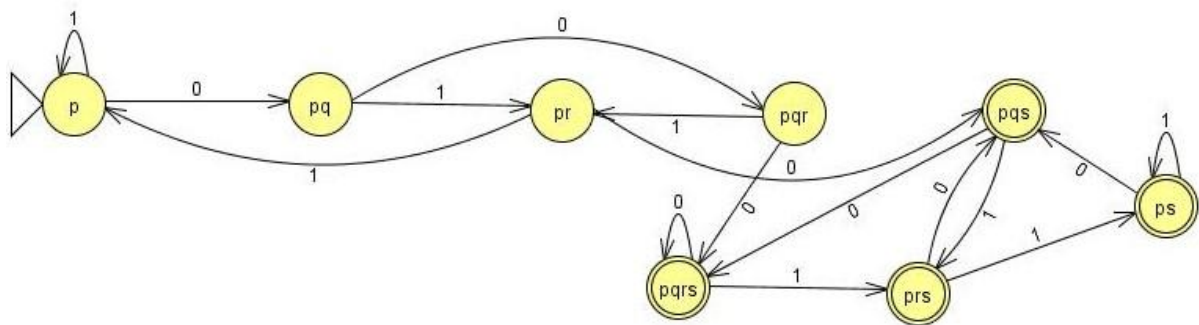


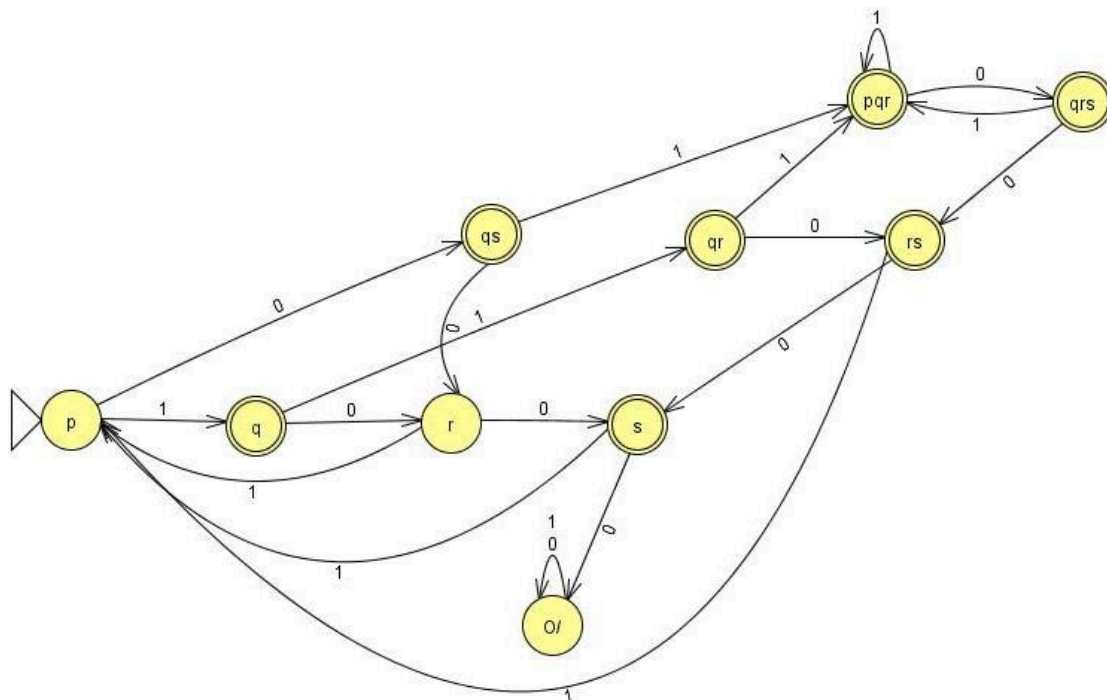
1. A linguagem L1 é regular, pois podemos construir um DFA que a represente:



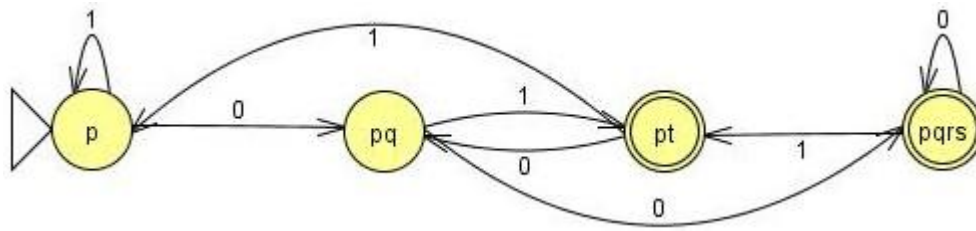
2.



3.



4.



5.

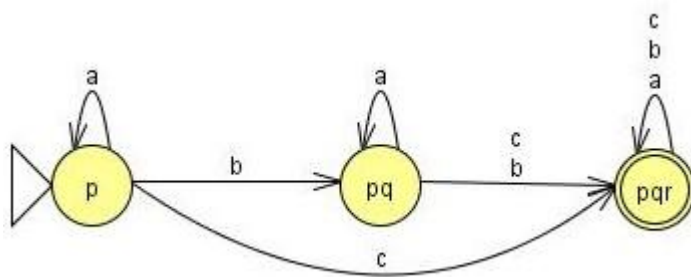
a)

$CL(p) = \{p\}$

$CL(q) = \{q, p\}$

$CL(r) = \{r, q, p\}$

b)



6.

a)

$CL(p) = \{p, q, r\}$

$CL(q) = \{q\}$

$CL(r) = \{r\}$

b)

