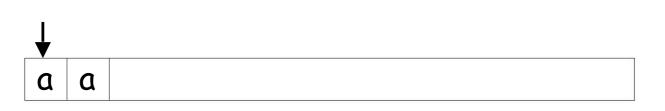
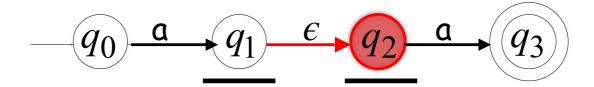


la "testina" che scandisce l'input, non si è mossa dal primo simbolo...

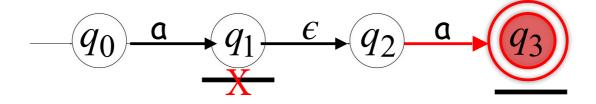




posso leggere la prossima "a" da ognuno dei due stati: ma da q1 non posso leggere a...

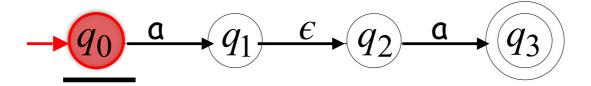
Tutto l'input è consumato



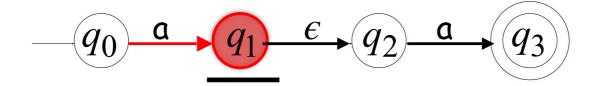


aa è accettata



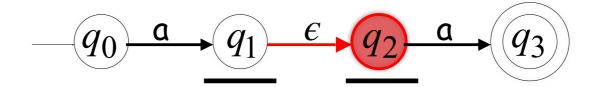






(La testina non si è mossa)





dopo la prima "a" ho raggiunto due stati.

Input non può essere consumato!



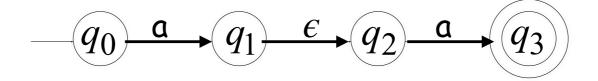
$$-q_0 \xrightarrow{\alpha} q_1 \xrightarrow{\epsilon} q_2 \xrightarrow{\alpha} q_3$$

"reject"

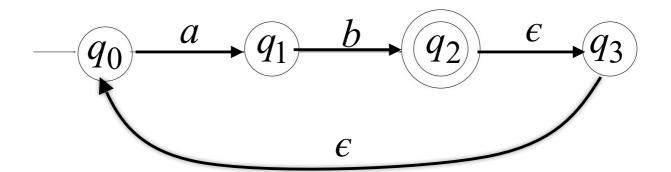
E l'altra?

Linguaggio accettato

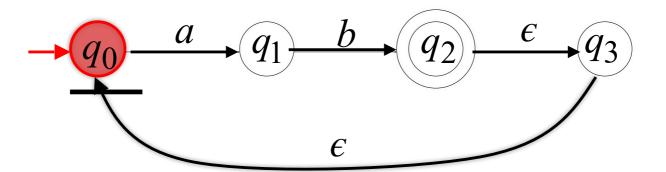
$$L = \{aa\}$$



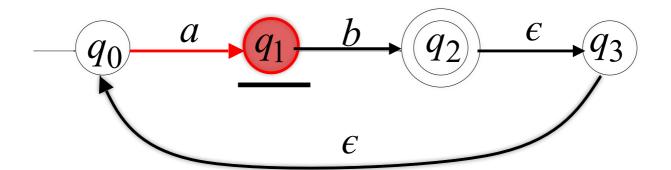
Altro esempio



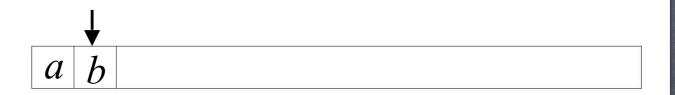
 $\begin{bmatrix} a & b \end{bmatrix}$

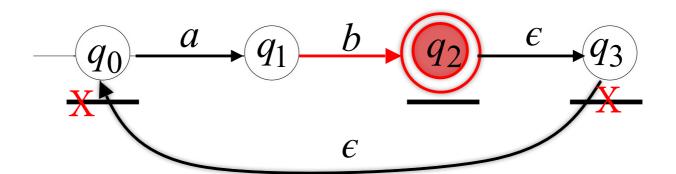






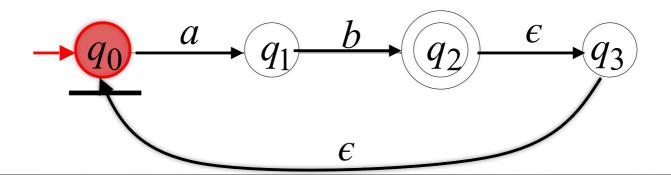
Tutto l'input è consumato



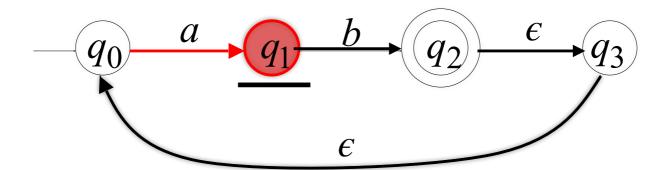


Altro input

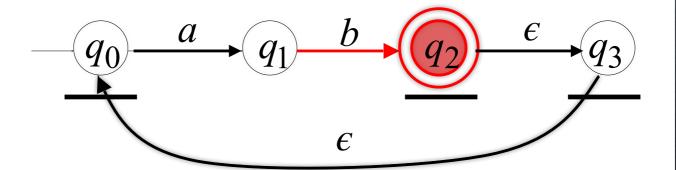
 $\begin{bmatrix} a & b & a & b \end{bmatrix}$



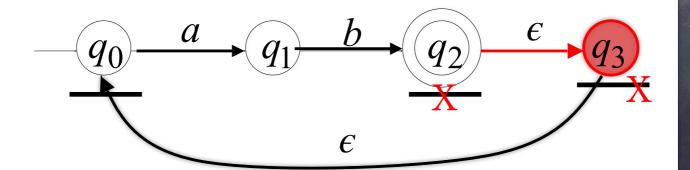




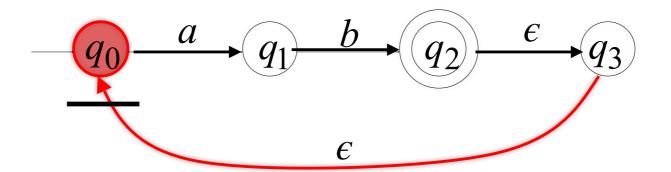




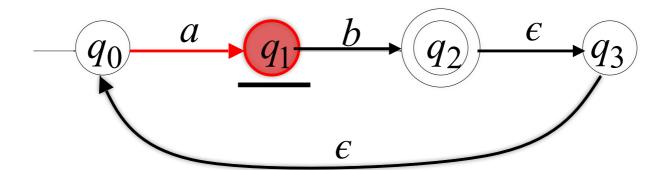




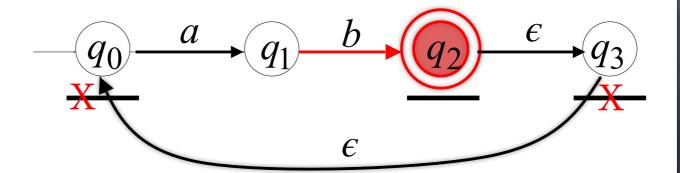








 $\begin{bmatrix} a & b & a & b \end{bmatrix}$



Linguaggio accettato

$$L = \{ab, abab, ababab, ...\}$$
$$= \{ab\}^+$$

