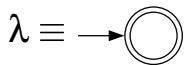# Some "check your work" tests for LGA dfa...

LGA Q#1: does your solution work for the following REs and their equivalent DFAs?

$$\lambda \equiv \rightarrow \bigcirc \qquad\qquad \lambda|a|ab \equiv \rightarrow \bigcirc \xrightarrow{a} \bigcirc \xrightarrow{b} \bigcirc$$

LGA Q#3: does your solution work for the following sequences?

$$a \qquad\qquad ab \qquad\qquad acb \qquad\qquad acbca$$

...but fails for $abccb$?

LGA Q#4: does your solution work for the RE

$$(a|c)(b|c)* \equiv \rightarrow \bigcirc \xrightarrow{a|c} \bigcirc \circlearrowleft^{b|c}$$