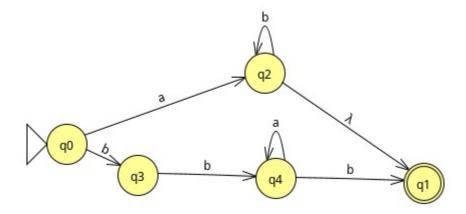
## CS 321 Activity 2

## Names: Mike Carris, Phillip Bindeman, Lyell Read

## Work in groups of 2-3.

For the language L = L(r) where r = ab\* + bba\*b

a) Construct an NFA M such that L(M) = L. Give the transistion graph for the NFA.



b) Give a regular grammar G such that L(G) = L.

		RHS
$\rightarrow$	bC	
$\rightarrow$	aB	
$\rightarrow$	λ	
$\rightarrow$	A	
$\rightarrow$	bA	
$\rightarrow$	bD	
$\rightarrow$	bB	
$\rightarrow$	aD	
	$\begin{array}{c} \rightarrow \\ \rightarrow \end{array}$	$ \begin{array}{c} \rightarrow bC \\ \rightarrow aB \\ \rightarrow \lambda \\ \rightarrow A \\ \rightarrow bA \\ \rightarrow bD \\ \rightarrow bB \\ \rightarrow aD \end{array} $