Assignment B

Write Prolog clauses for ADT Stack and ADT Queue, define as follows. Be prepared to explain how your program works, to explain how you developed it, and to show your program working on examples.

% stack
% newStack(Stack).
% emptyStack(Stack).
% push(Elt, Stack, NewStack).
% pop(Elt, Stack, NewStack).
% peekStack(Elt, [Elt|Stack]).

% queue
% newQueue(Queue).
% isEmptyQueue(Queue).
% enqueue(Elt, Queue, NewQueue).
% dequeue(Elt, Queue, NewQueue).
% peekQueue(Elt, Queue).

This is an individual assignment, due via e-mail before class on Monday, February 25. Your file should be named with your last name, first initial, and the letter B (so my file would be novickdB.pl), and should have a header like this:

% My Name
% Assignment B
% Artificial Intelligence, Spring 2013
%