

STACKS AS LINKED LISTS

Using the textbook's stack ADT and its basic functions, develop three new functions to be added to the ADT:

- (1) A new ADT function, `copyStack`, that copies the contents of one stack into another. The function passes two stacks, the source stack and the destination stack. The order of the stacks must be identical.
- (2) A new ADT function, `eqStack`, that checks whether the contents of two stacks are identical. Neither stack should be changed.
- (3) A new ADT function, `prnStack`, that prints the contents of a stack.

Write a simple menu-driven user interface to test the new functions.