

Tracing Stacks

Trace the following program segment that makes calls to a functioning stack:

<pre>public static void main(String[] Args) { StateStack my_stack = new StateStack(); my_stack.push("Maine"); my_stack.push("New Hampshire"); my_stack.push("Vermont"); my_stack.push("Rhode Island"); my_stack.push("Massachusetts"); my_stack.printStates(); System.out.println("\n-----\n"); StateNode j = my_stack.pop(); my_stack.push("Maryland"); my_stack.push("Connecticut"); my_stack.push("Arkansas"); my_stack.push("Delaware"); my_stack.printStates(); System.out.println("\n-----\n"); for (int i = 0; i < 4; i++) j = my_stack.pop(); my_stack.printStates(); } // end main</pre>	Program Output:
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Work area: