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\csequence stack

Often I need to save few macros but I don't want to \begingroup and \global-ly define those I want to keep after \endgroup. Here is a simple stack:

- ◊ \newsstack \stackname – define a new stack
- ◊ \pushcs \stackname \cs – push a control sequence
- ◊ \popcs \stackname \cs – pop a control sequence
- ◊ \topcs \stackname \cs – equivalent to \popcs...\pushcs

```
\def \gobble#1{} % this macro is usually defined somewhere
\def \stackcs#1{\csname \ifnum\escapechar>-1
    \expandafter \expandafter \expandafter \gobble
    \expandafter \fi \string #1::\number#1\endcsname}
% temporarily un-outer newcount to define newsstack
\let \topcs = \newcount \let \newcount = \relax
\def \newsstack #1{\newcount #1\global#1=0\pushcs#1\relax}
\let \newcount = \topcs % restore \newcount

\def \pushcs#1#2{\global \advance#1 1
  \global \expandafter \expandafter \expandafter
  \let \stackcs{#1}= #2}
\def \topcs#1#2{\expandafter \expandafter \expandafter \let
  \expandafter \expandafter \expandafter #2\stackcs{#1}}
\def \popcs#1#2{\topcs#1#2%
  \global \expandafter \expandafter \expandafter
  \let \stackcs{#1}\relax \global \advance #1-1 }
```