```
// initialize 5x5 table with random 3-letter strings
                                                            PHQ GHU MEA YLN LFD
Table<string> t(5);
                                                            XFI RCV SCX GGB WKF
randomize(t, 3);
                                                            NQD UXW FNF OZV SRT
cout << t << endl; -----
                                                            KJP REP GGX RPN RVY
                                                            STM WCY SYY CQP EVI
// replace middle entry in table with spaces
t(2, 2) = " ";
                                                            PHQ GHU MEA YLN LFD
cout << t << endl; -----
                                                            XFI RCV SCX GGB WKF
                                                            NQD UXW
                                                                       OZV SRT
// append 3 columns
                                                            KJP REP GGX RPN RVY
Table<string> t2(5, 3); // 5 rows to match t
                                                            STM WCY SYY COP EVI
fill(t2, "(+)");
t = t.append_cols(t2); // now t has 8 columns
                                                    PHQ GHU MEA YLN LFD (+) (+)
cout << t << endl; -----
                                                    XFI RCV SCX GGB WKF (+) (+) (+)
                                                    NOD UXW
                                                               OZV SRT (+) (+) (+)
// append 3 rows
                                                    KJP REP GGX RPN RVY (+) (+) (+)
Table<string> t3(3, 8); // 8 columns to match t
                                                    STM WCY SYY CQP EVI (+) (+) (+)
fill(t3, "(-)");
t = t.append rows(t3);
cout << t << endl; -----
                                                    PHQ GHU MEA YLN LFD (+) (+) (+)
                                                    XFI RCV SCX GGB WKF (+) (+)
// extract 5x5 subtable
                                                    NOD UXW
                                                                OZV SRT (+) (+) (+)
t = t(1, 1, 5, 5);
                                                    KJP REP GGX RPN RVY (+) (+) (+)
cout << t << endl;</pre>
                                                    STM WCY SYY CQP EVI (+) (+) (+)
                                                    (-) (-) (-) (-) (-) (-)
cout << t + to_lower_case << endl;</pre>
                                                    (-) (-) (-) (-) (-) (-)
return 0;
                                                    (-) (-) (-) (-) (-) (-)
   rcv scx ggb wkf (+)
                                                    RCV SCX GGB WKF (+)
   uxw
           ozv srt (+)
                                                    UXW
                                                            OZV SRT (+)
   rep ggx rpn rvy (+)
                                                    REP GGX RPN RVY (+)
   wcy syy cqp evi (+)
                                                    WCY SYY COP EVI (+)
   (-) (-) (-) (-)
                                                     (-) (-) (-) (-)
```