```cpp
// initialize 5x5 table with random 3-letter strings
Table<string> t(5);
randomize(t, 3);
cout << t << endl;

// replace middle entry in table with spaces
t(2, 2) = "   ";
cout << t << endl;

// append 3 columns
Table<string> t2(5, 3); // 5 rows to match t
fill(t2, "(+)");
t = t.append_cols(t2); // now t has 8 columns
cout << t << endl;

// append 3 rows
Table<string> t3(3, 8); // 8 columns to match t
fill(t3, "(-)");
t = t.append_rows(t3);
cout << t << endl;

// extract 5x5 subtable
t = t(1, 1, 5, 5);
cout << t << endl;

cout << t + to_lower_case << endl;
return 0;
```

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PHQ GHU MEA YLN LFD
XFI RCV SCX GGB WKF
NQD UXW FNF OZV SRT
KJP REP GGX RPN RVY
STM WCY SYY CQP EVI
```

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PHQ GHU MEA YLN LFD
XFI RCV SCX GGB WKF
NQD UXW     OZV SRT
KJP REP GGX RPN RVY
STM WCY SYY COP EVI
```

```
PHQ GHU MEA YLN LFD (+) (+) (+)
XFI RCV SCX GGB WKF (+) (+) (+)
NQD UXW     OZV SRT (+) (+) (+)
KJP REP GGX RPN RVY (+) (+) (+)
STM WCY SYY CQP EVI (+) (+) (+)
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```
PHQ GHU MEA YLN LFD (+) (+) (+)
XFI RCV SCX GGB WKF (+) (+) (+)
NQD UXW     OZV SRT (+) (+) (+)
KJP REP GGX RPN RVY (+) (+) (+)
STM WCY SYY CQP EVI (+) (+) (+)
(-) (-) (-) (-) (-) (-) (-) (-)
(-) (-) (-) (-) (-) (-) (-) (-)
(-) (-) (-) (-) (-) (-) (-) (-)
```

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rcv scx ggb wkf (+)
uxw     ozv srt (+)
rep ggx rpn rvy (+)
wcy syy cqp evi (+)
(-) (-) (-) (-) (-)
```

```
RCV SCX GGB WKF (+)
UXW     OZV SRT (+)
REP GGX RPN RVY (+)
WCY SYY CQP EVI (+)
(-) (-) (-) (-) (-)
```