Program: PIVOT for the TI-82 and 83 calculators.

Notes:
Pause [A] Frac
Disp "PIVOT COLUMN=
Input C
Disp "PIVOT ROW=
Input R
*row(1/([A](R,C)),[A],R)→[A]
*row is in matrix ops. '→' is the sto button
dim([A])→D
D is a list named D. '→' is in the list ops menu.
For(J,1,D(1))
D(1) is the number of columns in [A].
If J ≠ R
*row+(-1*[A](J,C),[A],R,J)→[A]
*row+ is in matrix ops
End
Pause [A] Frac

To use this program, enter the tableaux into matrix [A].