NAME
   deleteln, **wdeleteln**, **insdelln**, **winsdelln**, **insertln**, **winsertln** - delete and insert lines in a **curses** window

SYNOPSIS
   #include <curses.h>

   int deleteln(void);
   int wdeleteln(WINDOW **win***);**

   int insdelln(int *n***);**
   int winsdelln(WINDOW **win***, int** *n***);**

   int insertln(void);
   int winsertln(WINDOW **win***);**

DESCRIPTION
   The **deleteln** and **wdeleteln** routines delete the line under the cursor in the window; all lines below the
   current line are moved up one line. The bottom line of the window is cleared. The cursor position
   does not change.

   The **insdelln** and **winsdelln** routines, for positive *n*, insert *n* lines into the specified window above the
   current line. The *n* bottom lines are lost. For negative *n*, delete *n* lines (starting with the one under the
   cursor), and move the remaining lines up. The bottom *n* lines are cleared. The current cursor position
   remains the same.

   The **insertln** and **winsertln** routines insert a blank line above the current line and the bottom line is lost.

RETURN VALUE
   All routines return the integer **ERR** upon failure and an **OK** (SVr4 specifies only "an integer value
   other than **ERR**") upon successful completion.

   X/Open defines no error conditions. In this implementation, if the window parameter is null, an error
   is returned.

PORTABILITY
   These functions are described in the XSI Curses standard, Issue 4. The standard specifies that they
   return **ERR** on failure, but specifies no error conditions.

NOTES
   Note that all but **winsdelln** may be macros.

These routines do not require a hardware line delete or insert feature in the terminal. In fact, they will not use hardware line delete/insert unless **idlok(..., TRUE)** has been set on the current window.

SEE ALSO
    curses(3X)