

```
/*
 * ctrinput.c
 *
 * Author: Michael Kepple
 * Date: 28 Mar 2013
 * Description: accepts user input string, centers it vertically and
 *              horizontally on the screen.
 */
#include "ctrinput.h"

int main()
{
    initscr();
    wmove(stdscr, LINES-2, 0);
    hline('_', COLS);
    mvwprintw(stdscr, LINES-1, 0, "> ");
    wmove(stdscr, LINES-1, 2);
    char str[100];
    getstr(str);
    curs_set(0);
    int strLength = strlen(str)/2;
    mvwprintw(stdscr, LINES/2, (COLS/2-strLength), str);
    refresh();
    getch();
    endwin();
}
/*
 * File: ctrinput.h
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 *
 */
#ifndef CTRINPUT_H
#define CTRINPUT_H
#include <ncurses.h>
#include <time.h>
#include <string.h>
#endif
#
# Makefile for ctrinput
# Author: Michael Kepple
# Date: 28 Mar 2013
#
ctrinput: ctrinput.h ctrinput.c
    gcc ctrinput.h ctrinput.c -lncurses -o ctrinput
```