



6. CLI should be able to detect if the user will press BACKSPACE key and treat it accordingly. Deleted symbol (from the left side of the cursor) should disappear from the screen and it also should be deleted from the collected string. Cursor position should be updated. BACKSPACE treatment should also work in situations when it will be needed to move cursor to the previous line, in case of long strings.
7. If the user will press ENTER like a first key, than CLI should NOT print one empty line and just go to the next line with the prompter.
8. If the user will press BACKSPACE like a first key, than CLI should produce BEEP sound and no other action should be performed.
9. If the user will reach the last line of the screen CLI must continue to work and in case of moving to the next line by typing, or in case of pressing ENTER key, all the upper text from the screen should move one line up.

## Implementation notes

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For this laboratory work I wrote a mini "library":

- [print.inc](#)
- [scan.inc](#)
- [string.inc](#)
- [term\\_utils.inc](#)

Unfortunately I didn't find a way to produce sound. I could write the character 07h but it won't work in Virtual Box.

### Supported commands:

- help
- about
- ascii
- clear
- beep
- reboot
- echo

### How it works?

I have an infinite loop that:

1. Prints the prompt
2. Read user input
3. Divide the input into words
4. Search if the first argument is a valid Command
5. If it is, execute the cmd. Otherwise tell the user that such a cmd doesn't exist