

# CS 242 Week 1 Rubrics

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## 1 Abstract

In week 1, **yterm** is going to have basic rendering functionality and will support correct interaction and display of most basic command line programs.

## 2 Rubrics

- Correct display of the terminal screen with configurable size (columns and rows).
- Correct display of the (blinking) cursor.
- Correct parsing of ANSI escape sequences (ignoring color/graphics related sequences now) and separate printable text with control sequences.
- Support for basic cursor moving sequences (up/down/right/left/carriage return/backspace).
- Support for character inserting/deleting.
- Support for scrolling.
- Optimize performance and compatibility with **bash** and other commonly used utilities (**ls**, **python**, etc.)
- Basic test infrastructure for ANSI escape sequences and terminal.