CS 111 Design Problem

Laboratory 1 – Tab Completion

Mark Vismonte

[mark.vismonte@gmail.com](mailto:mark.vismonte@gmail.com)

503765196

Timothy Wang

[timzwang@gmail.com](mailto:timzwang@gmail.com)

Tim’s ID number

Professor Kohler

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# Introduction

For our design problem, we decided to explore how to further emulate the *bash* shell. We will observe that behavior of tab completion in order to define a plan for extending our own *ospsh* shell. The feature we will be observing tab completion.

We will also explore the functionality of the GNU readline library. According to the description, this library can be used to display a prompt and receive the entered string from the user. In addition, the library provides emacs style bindings to the user. This allows the user to use shortcuts such as ctrl + e to get to the end of a line and ctrl + u to delete a line.oh

### What does the feature do?

# Plan for implementation

# Results

# Conclusion