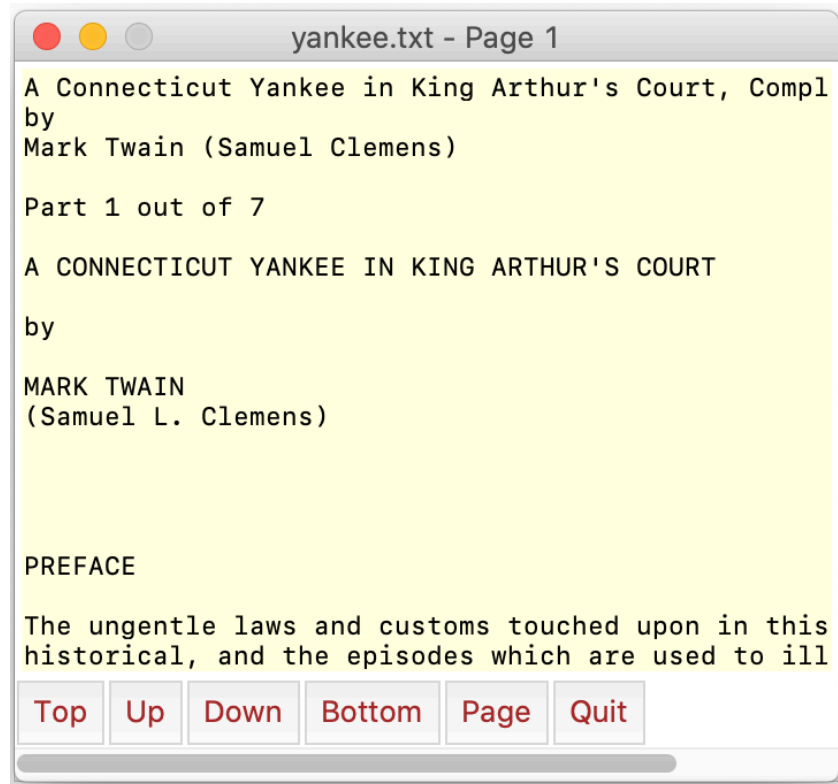


# Programming Exercise 6

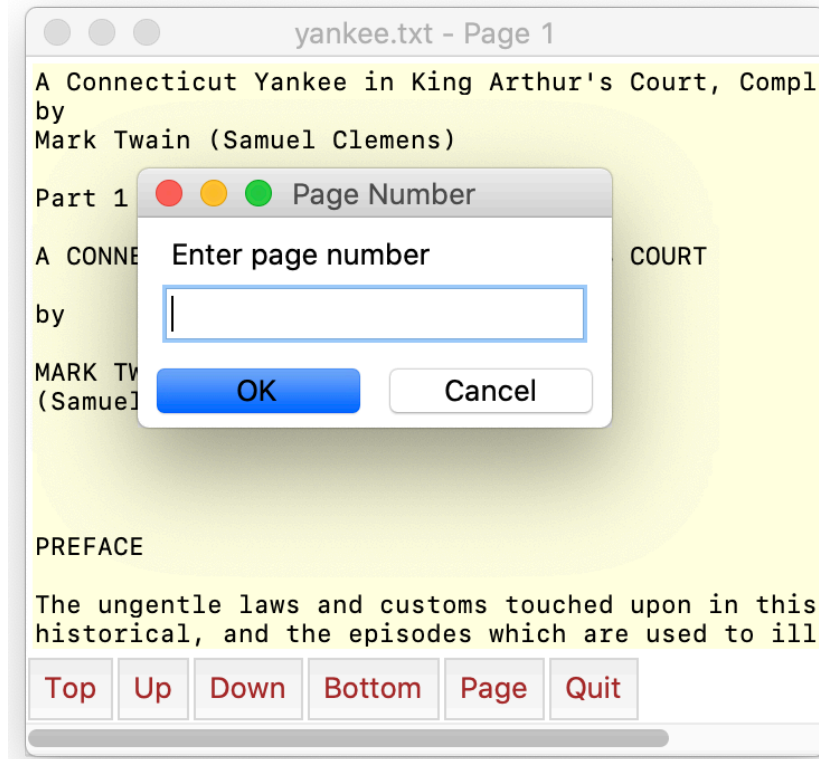
## File Viewer GUI

Modify a copy of your **view** function from the previous assignment to present screens of a text file in a GUI Window. Fix the width of a Text widget to 50 chars and use 20 lines as the default number of lines. Do not let the Text widget wrap long lines. Add a *horizontal Scrollbar* at the bottom, tied to a text area widget. Have buttons for the choices from Exercise 5. Here is an example:



Note that you display the current page in the window title.

When the user presses the **Page** button, pop up a simple dialog using **simpledialog.askinteger** to get the page number, which looks like the following:



Then display the requested page, staying within bounds as in Exercise 5.

To clear a **Text** widget's display, do **mywidget.delete(1.0, END)**. The easiest way to populate the **Text** area is with a single string with embedded linefeeds (`'\n'`), as in **mywidget.insert(1.0,the\_text\_string)**. For the **Scrollbar**, you must specify **orient=HORIZONTAL** in its constructor, and specify **side=BOTTOM,fill=X** when you **pack** it.

One more thing: don't let users edit the text. Call **Text.config** on your **Text** widget with either **state=DISABLED** or **state=NORMAL** as needed.