Design Document

Image Processing

Main function algorithm

* Call displaymenu function
* Prompt user to load a new image, display current image, edit current image, or exit

Displaymenu function

* Display to user whether they want to load, display, or edit

loadNewImage function

* Read 2d array given from a file
* Return the image

displayImage function

* Display 2d array given from file

editCurrentImage function

* Display an edit menu with crop, dim, brighten
* Get choice from user
* Crop, dim, or brighten based on user choice