This program was made to satisfy Client #4, who wanted a program similar to Photoshop to edit photos using a variety of commands. In the program, we have included the following commands: get\_images, frame\_image, frame\_all\_images, tint\_image, tint\_all\_images, blur\_image, blur\_all\_images, text\_on\_image, text\_on\_all\_images, contour\_image, contour\_all\_images. Within all of these commands, it shows via comment lines what each required variable is (the values the user must supply to the command) and how the user is to input that information. Below is a brief rundown of what each function does.

## Get images:

This command sets a directory for the images that you want to edit, and puts them into a list, so that other functions can access these images later.

## Frame\_image:

This command frames an image with a width of border given by the user, and the color given by the user.

## Frame\_all\_images:

The same as frame\_image, however instead of being applied to one image, it is applied to all images within the directory.

# Tint\_image:

Adds a transparent tint of a color supplied by the user.

## Tint all images:

The same as tint\_image, however instead of being applied to one image, it is applied to all images within the directory.

# Blur\_image:

Gives the image selected a blurry looking mask.

#### Blur all images:

The same as blur\_image, however instead of being applied to one image, it is applied to all images within the directory.

# Text\_on\_image:

Writes text that is given by the user onto an image. The size, line spacing, and color of the text can all be changed by the user.

### Text on all images:

The same as text\_on\_image, however instead of being applied to one image, it is applied to all images within the directory.

# Contour\_image:

Creates a black and white effect onto the image, as if the image had been drawn with a pencil.

# Contour\_all\_images:

The same as contour\_image, however instead of being applied to one image, it is applied to all images within the directory.