Name: Cong Qiu   Email: congq@g.clemson.edu CUID:C11460207

Introduction
Lightroom is my   favorite photo editing softwares, the reason I love using it is it is featured with the   the user friendly and powerful adjustment brush, I would like to create my own version. I propose re-creating a photo editing program. This program read the user specified image, then display it in one window, in another window,   there is a toolbox, where user could choose to edit photo in 2 modes. I. apply adjustment to the whole image II. apply adjustment by using a customizable brush.   The adjustment which users could apply to a image includes brightness, saturation, contrast, enhance highlight enhance shadow, white balance.

What it looks like
I. User start program using command:
        ./adbrush inputimage output image
then two windows will be displayed, input image will be displayed in one of the windows.
II. The second window will be a smaller one ,there are buttons and edit box on it, user click button to switch between he editing modes, the choose which kind of adjustment he would like to apply to the image.
III. Users could alter parameter of the brush which he is using, says, diameter and feather, by changing the value in corresponding edit box.
IV. In global editing mode, user click the image to apply the adjustment. Adjusted image will be displayed immediately.
V. In adjustment brush mode, user draw the filter on the image. Adjusted image will be displayed immediately after the drawing.
IV. press 'u' to undo,'w' to write to file,   'q' to quit.

Rubric for grading
I. file IO , 20%
II. Global adjustment, 30%
III. Brush filter, 20%
IV. Brush filter application 20%
V. code clarity 10%