Problem 1.

Open the image pic1.jpg and display it with the name pic1. Convert the image to the following formats and display in separate windows: RGB, HSV, LAB, grayscale.

Problem 2.

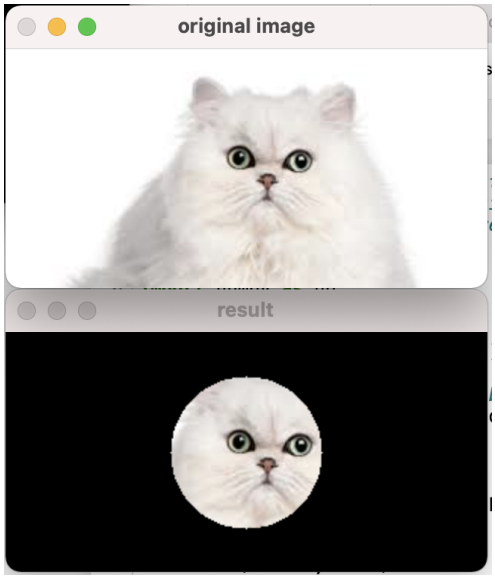
Open the image pic1.jpg and display it with the name pic1. Separate the image into its 3 channels. Display both the colored and grayscale versions of each channel in separate windows.

Problem 3.

Open the image pic2.jpg and display it with the name pic2. Blur the picture using average and bilateral blurring methods and display in separate windows. (For the parameters, use the values of your choice). Write a short comment if you see any particular difference when using different parameter values for the second method and comparing it to the averaging method.

Problem 4.

Open the image pic2.jpg and display it with the name pic2. Apply the correct method so that only a circle of radius of 70 pixels is left right in the middle of the picture. Your result should look similar to the example below.



Problem 5.
Perform appropriate operations to get a results similar to the images below: