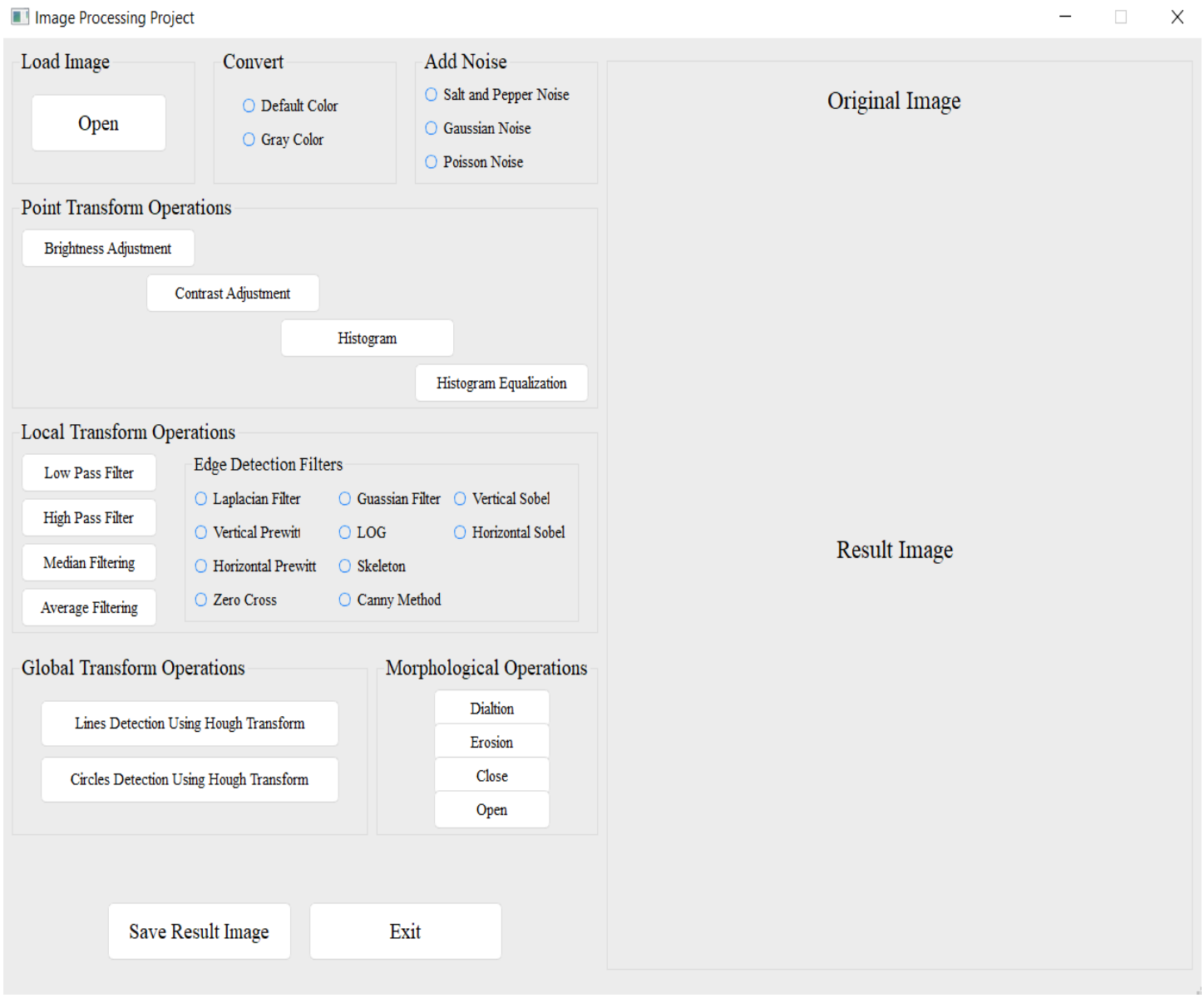
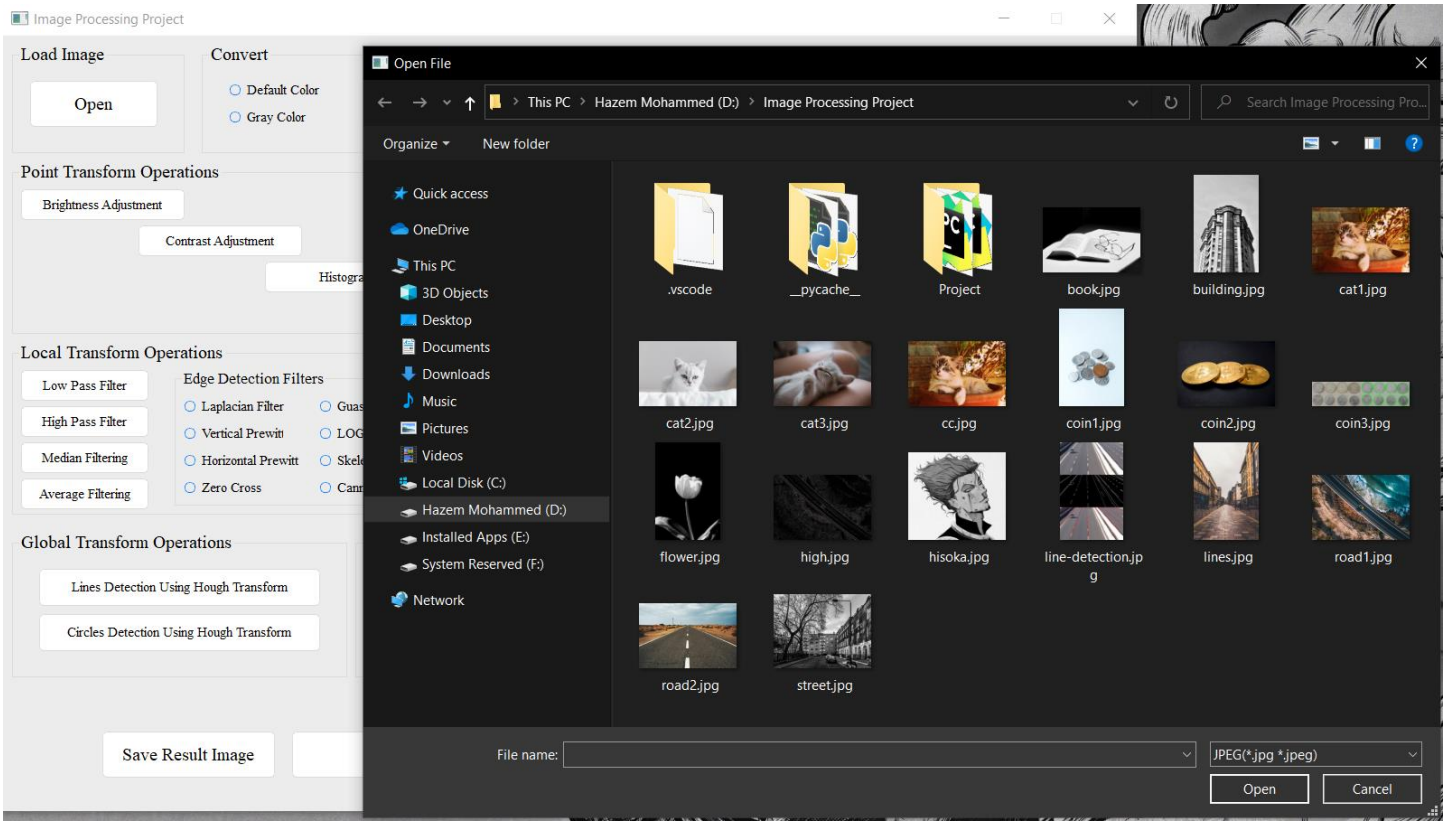
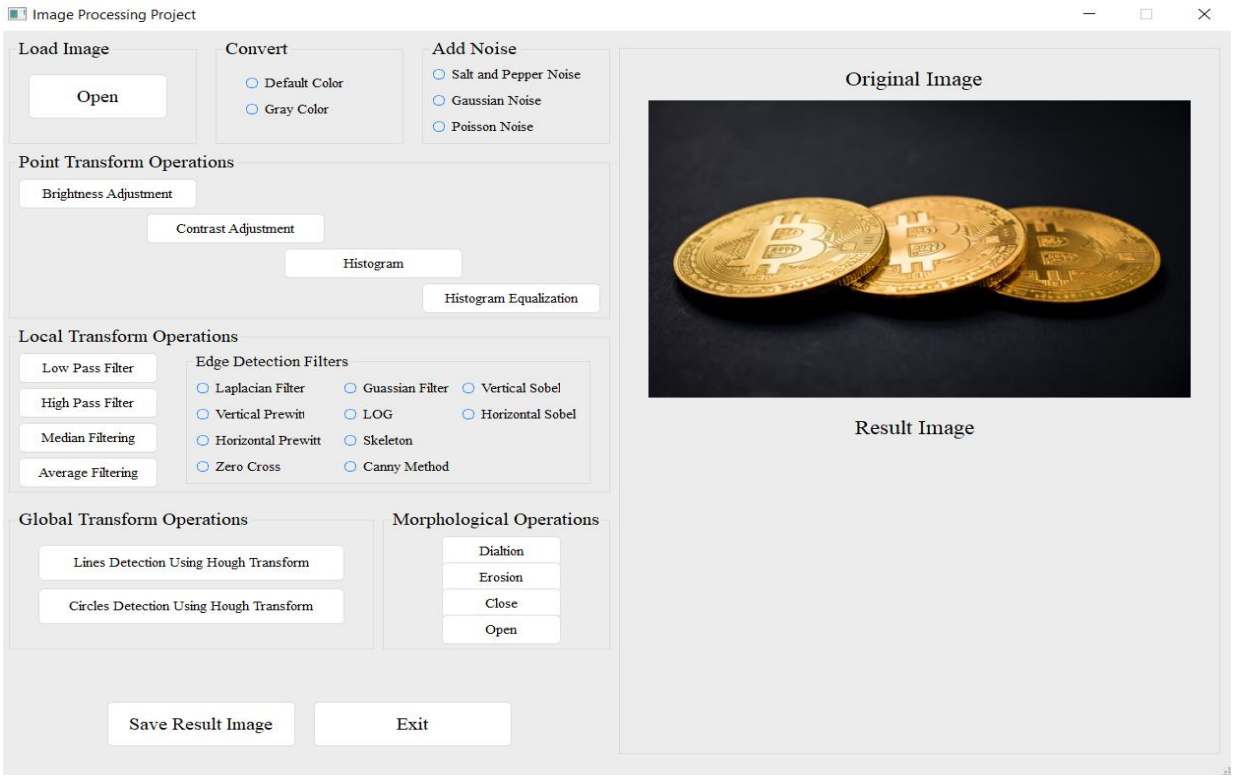
- When you run **main.py** the main window will appear to you.



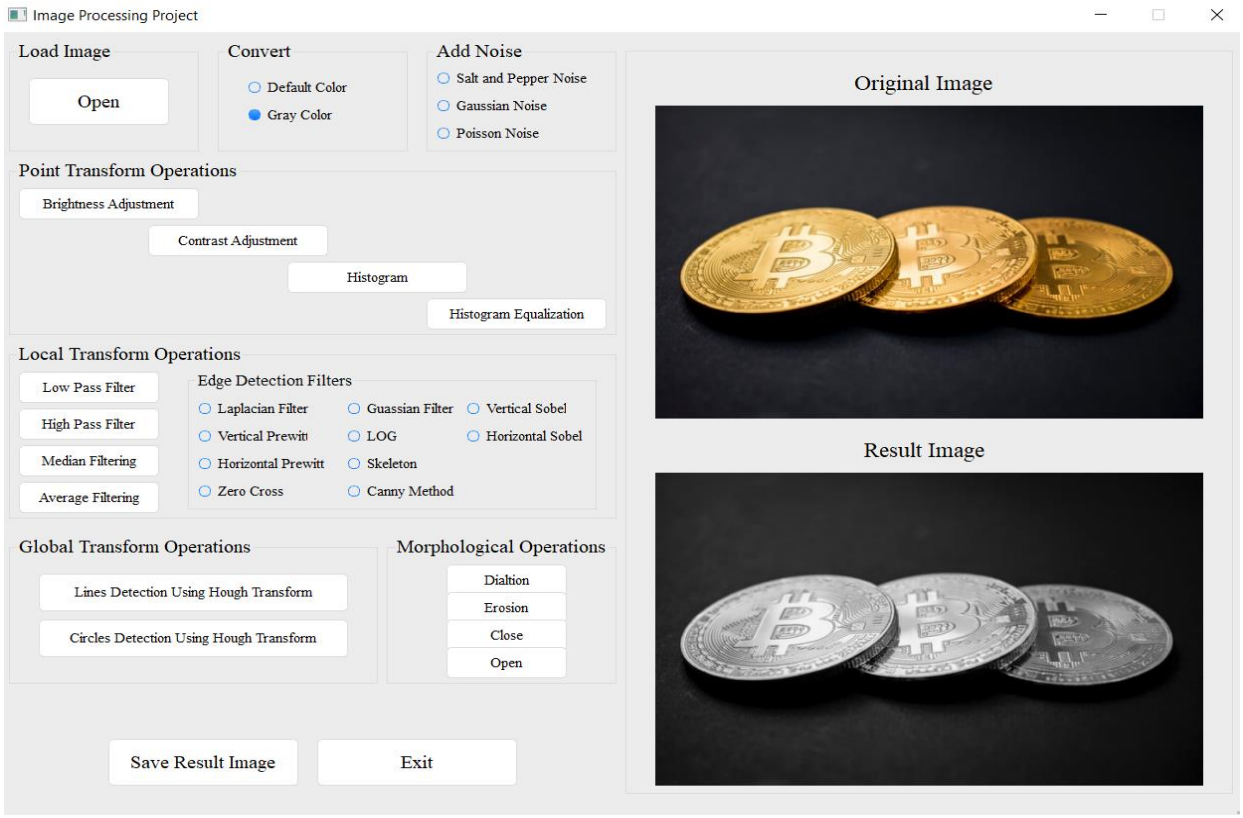
- When you click the open button, the dialog bow will appear to you and choose a photo to open.



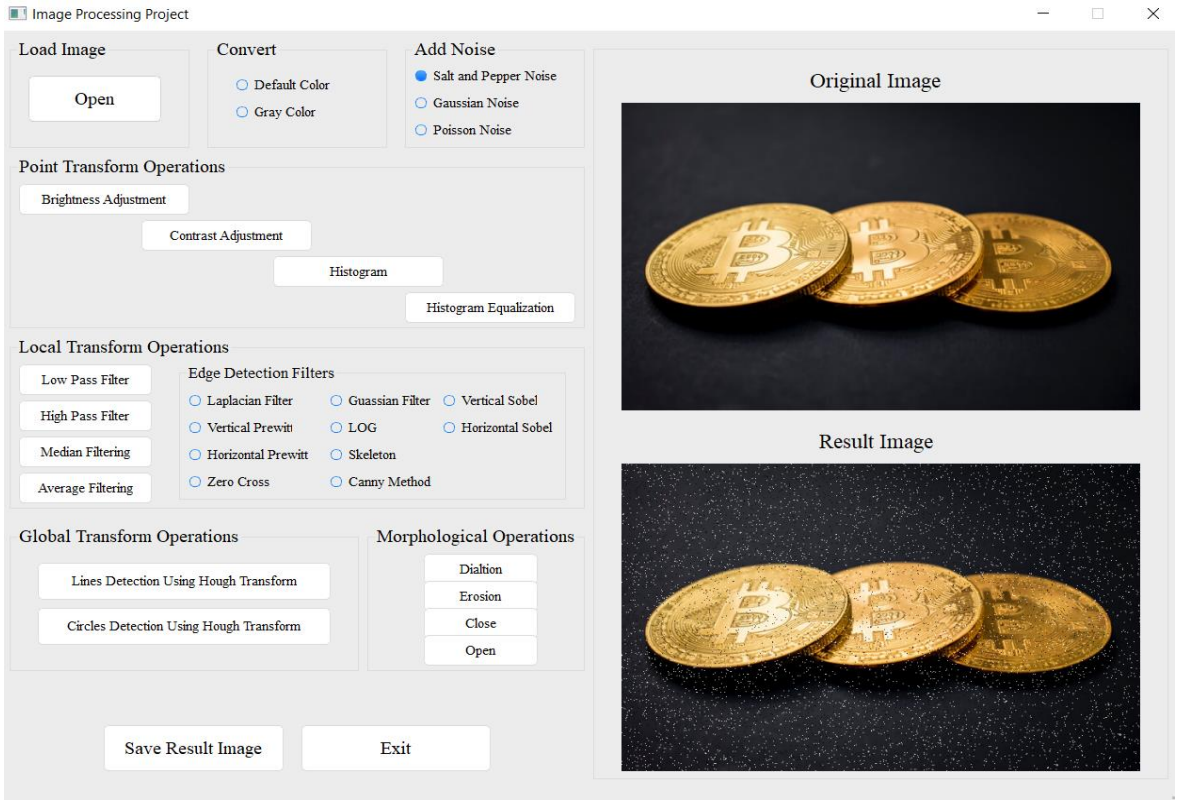

- The image will be displayed in the original image box.



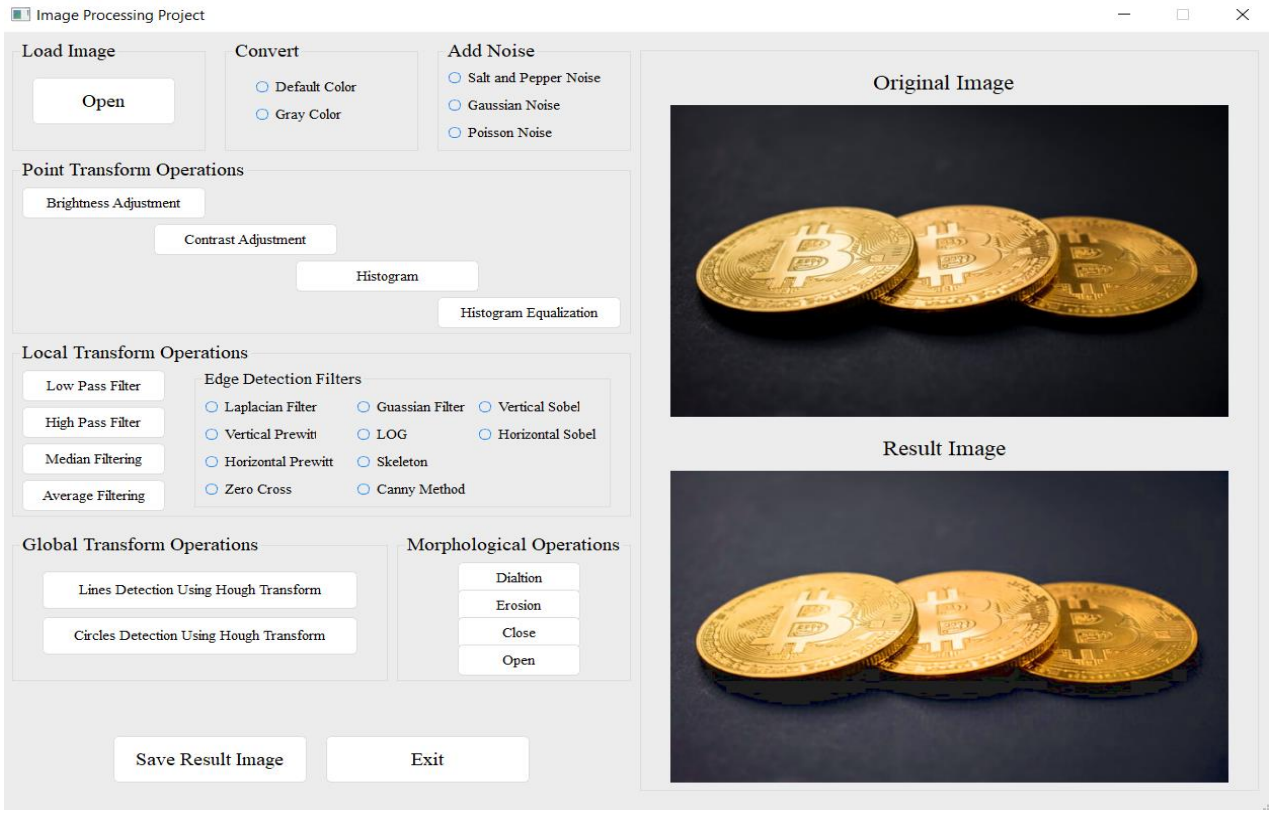
- You can display the gray-scale version of the image by checking the Gray Image radio button.

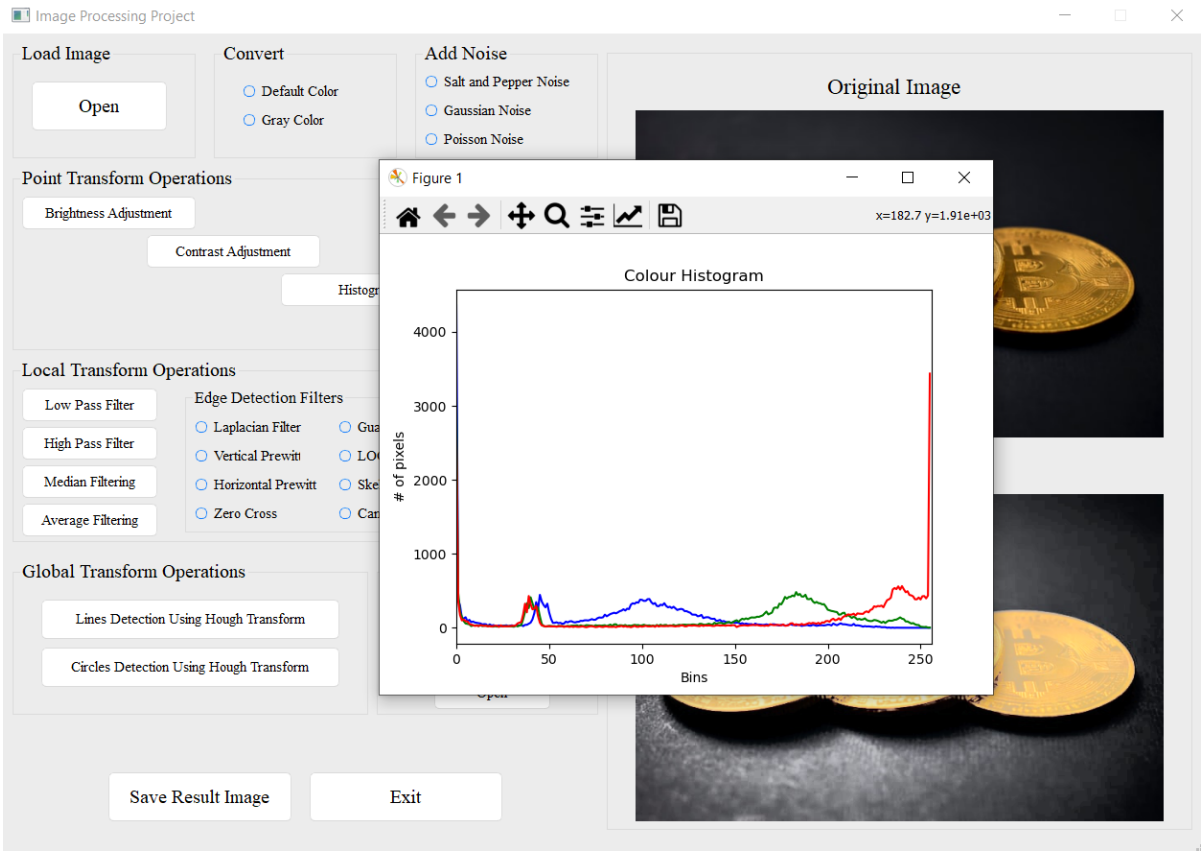



- You can add noise to the image.

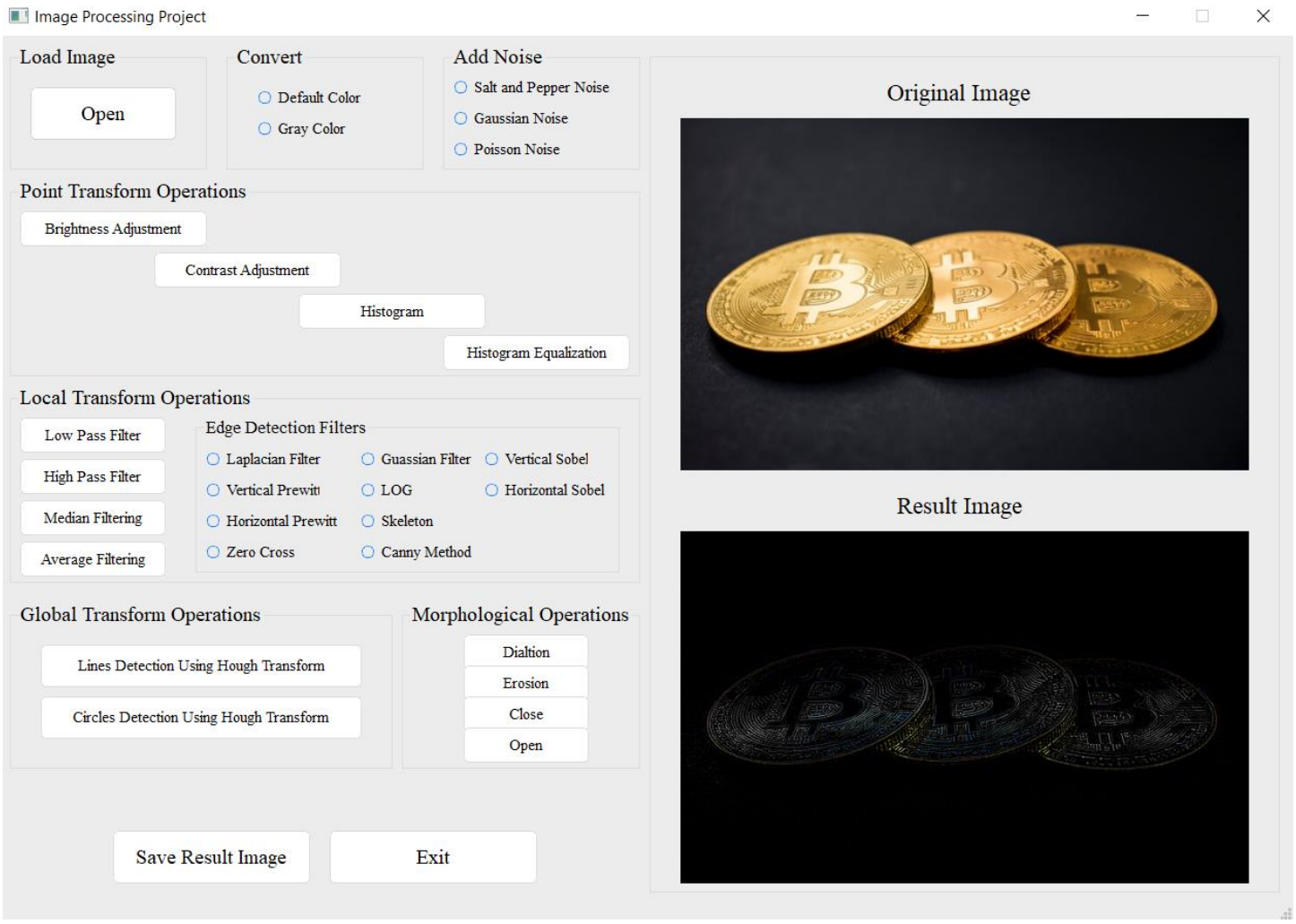


- You can apply any of the point transform operations like brightness adjustment that is applied in the image below and also show the image histogram.

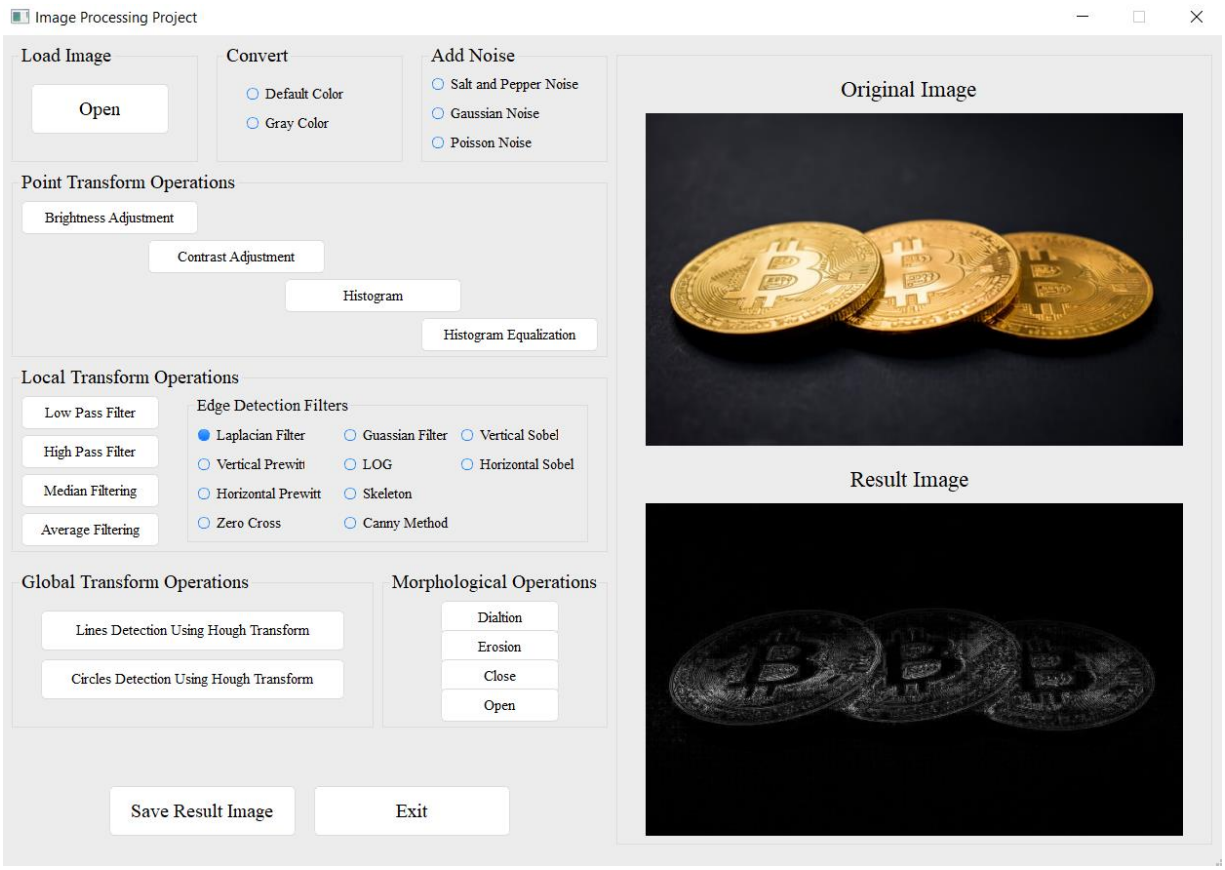


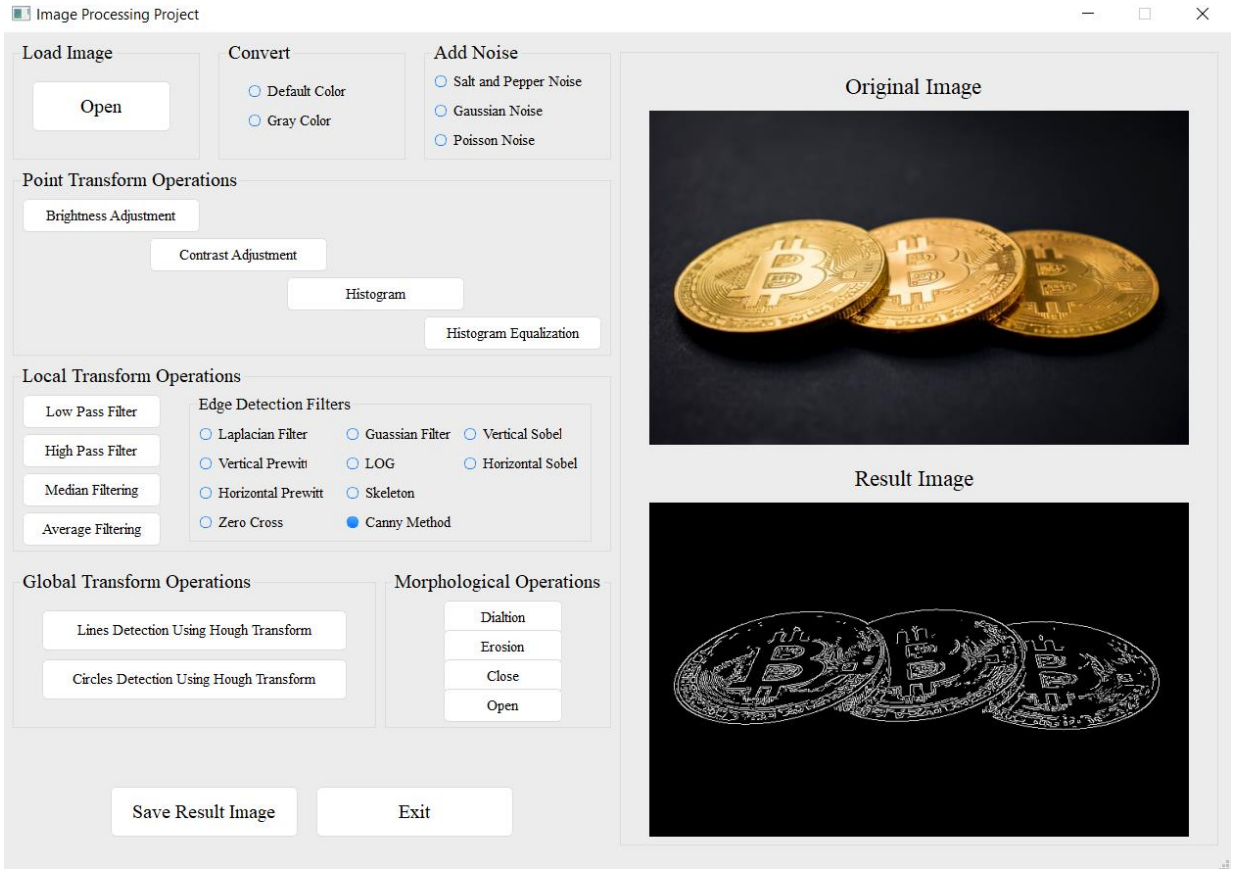
- You can apply any of the local transform operations like the high-pass-filter that is applied in the image below.



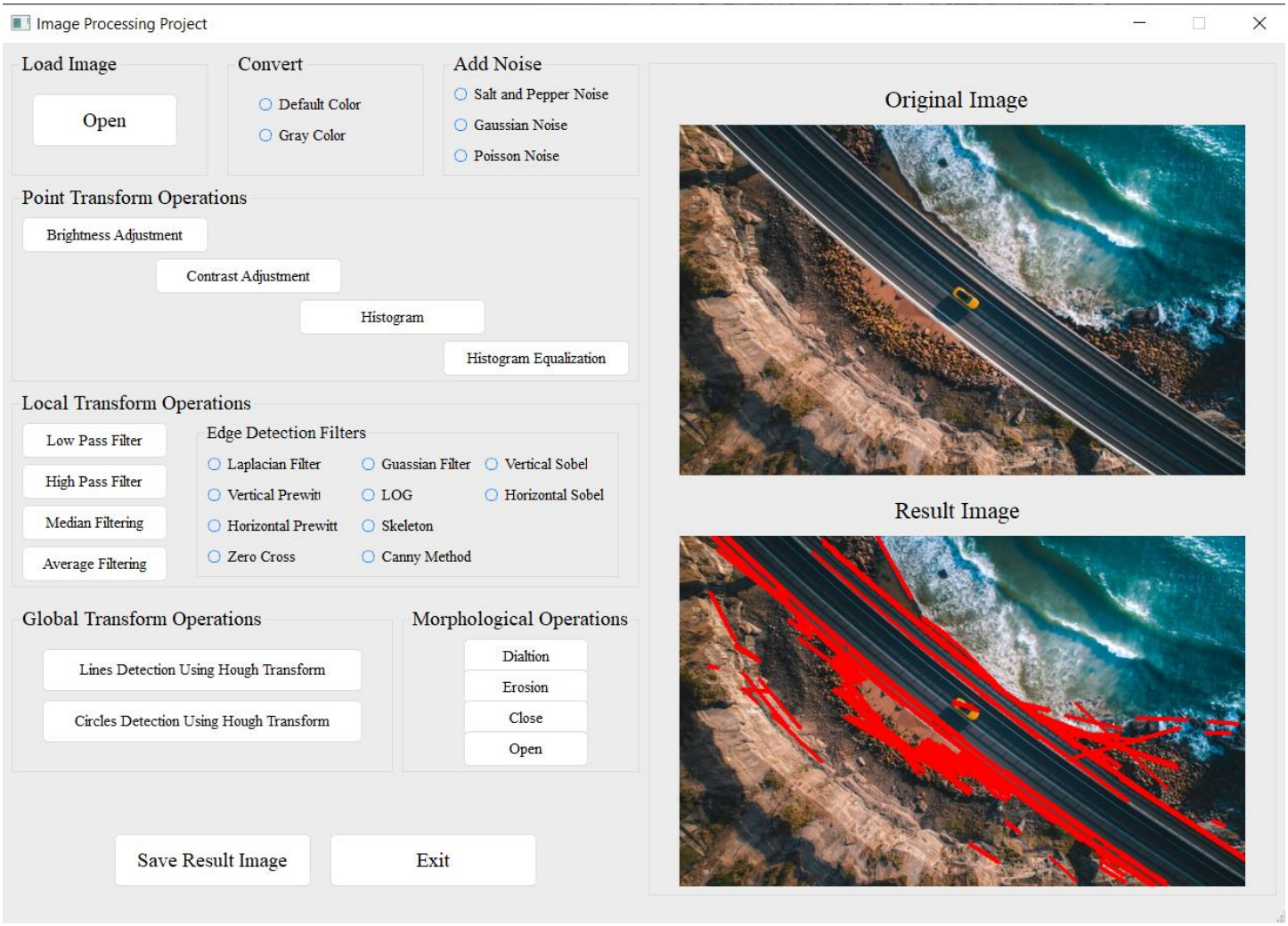
- Applying the edge detection filters like Laplacian filter and canny.



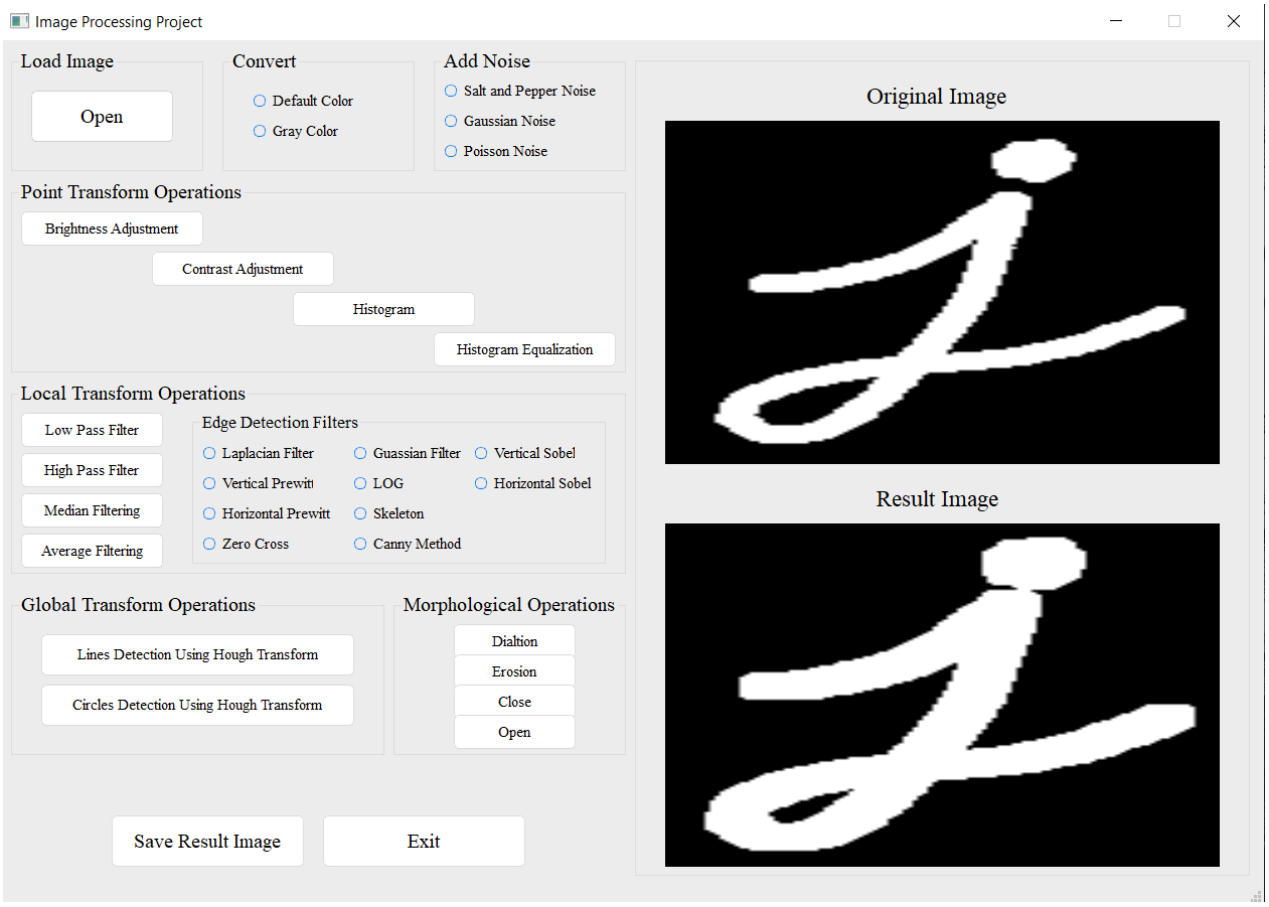

- Canny method.

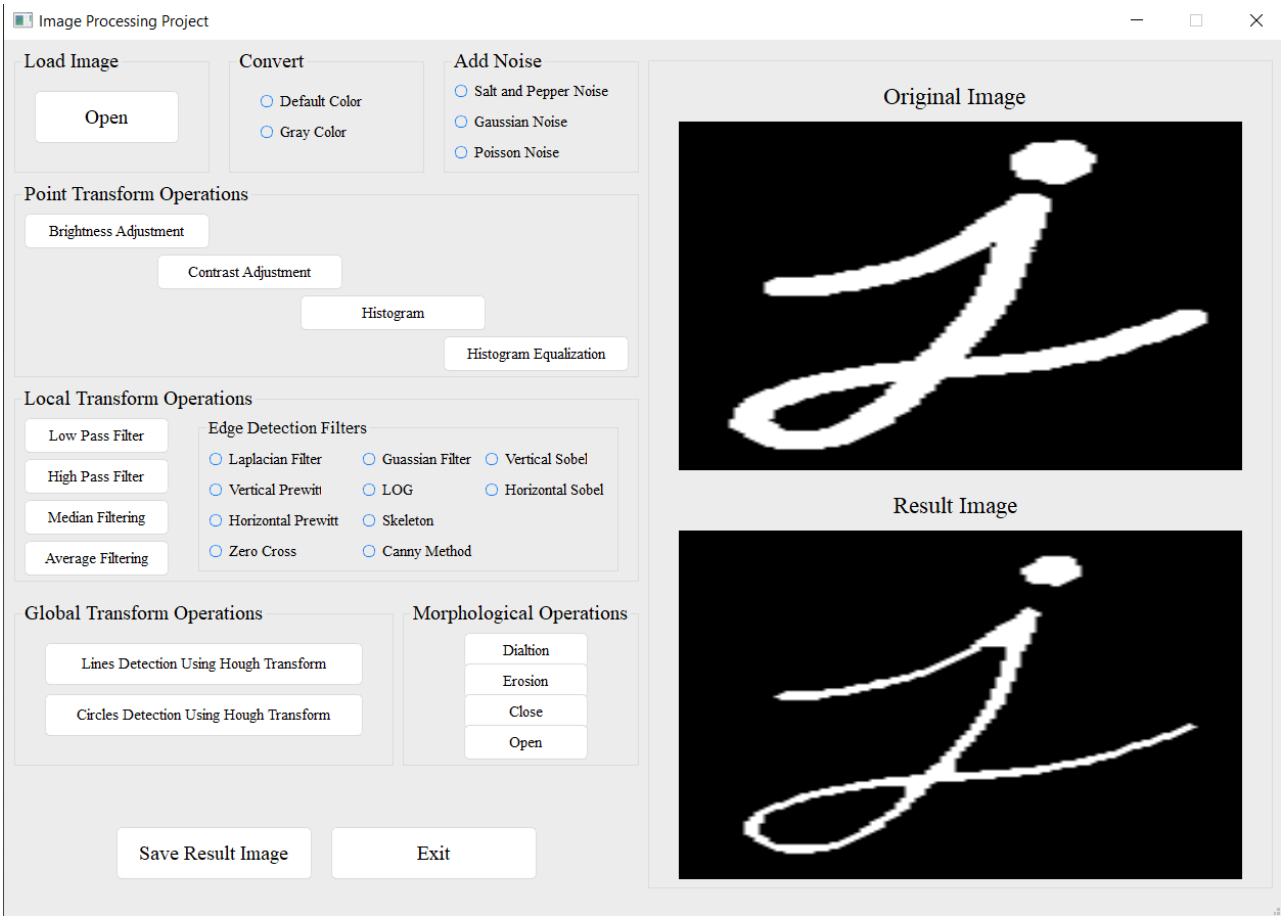


- You can apply the global transform operations like Hough line detection that is applied in the image below.

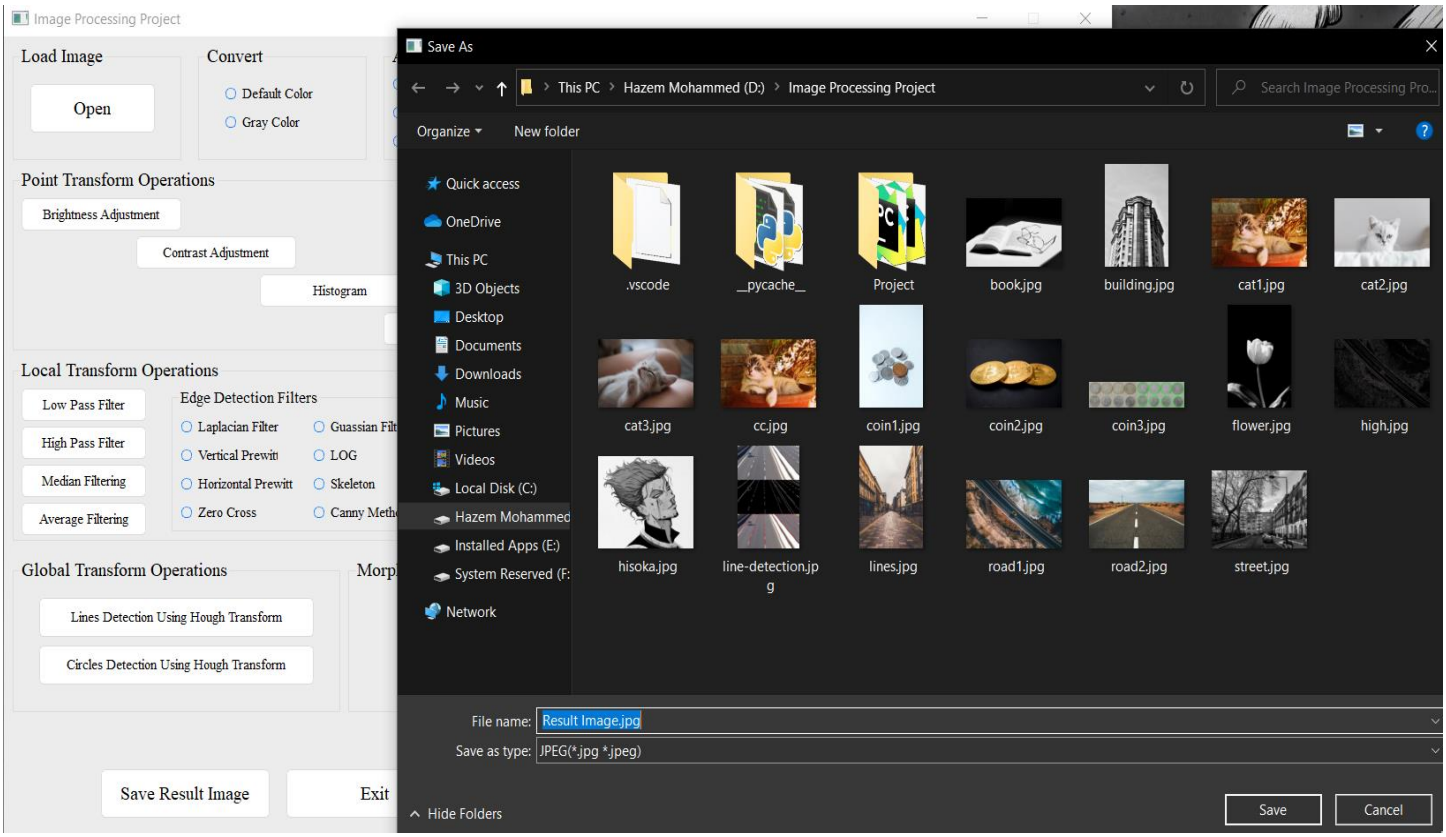


- Applying the morphological operations like dilation and erosion.



- You can save the result image by clicking its button below and a dialog box will appear to you to choose the location and the image name.




- Use the exit button to exit the program.