**Adaptive Thresholding**

This code performs adaptive thresholding on an input image using OpenCV. It first loads an image in grayscale format. Then, it applies two types of adaptive thresholding: mean adaptive thresholding and Gaussian adaptive thresholding.

Mean adaptive thresholding calculates the threshold value for each pixel based on the mean of the surrounding neighborhood pixels. Gaussian adaptive thresholding, on the other hand, uses a weighted sum of the neighborhood pixels with a Gaussian window to calculate the threshold value.

The original image, along with the mean and Gaussian thresholded versions, are displayed using separate windows. The program waits for a key press and then closes the windows.

In summary, this code showcases how to apply different adaptive thresholding methods to an image using OpenCV and provides a visual representation of the thresholded images.