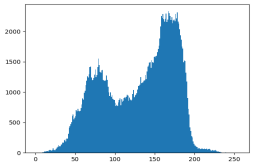
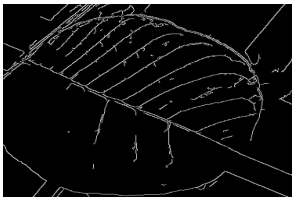
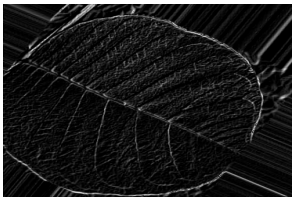
BÁO CÁO X■ LÝ ■NH

TT	Code	Hình ■nh k■t qu■
1a	`img_color = cv2.imread('/content/sample_image.jpg') img_color = cv2.cvtColor(img_color, cv2.COLOR_BGR2RGB)`	
1b	`img_gray = cv2.cvtColor(img_color, cv2.COLOR_RGB2GRAY)`	
2	`plt.hist(img_gray.ravel(), 256, [0,256])`	
3	`_, img_binary = cv2.threshold(img_gray, 127, 255, cv2.THRESH_BINARY)`	
4	`edges_canny = cv2.Canny(img_gray, 100, 200)`	
5	`sobelx = cv2.Sobel(img_gray, cv2.CV_64F, 1, 0, ksize=3) sobely = cv2.Sobel(img_gray, cv2.CV_64F, 0, 1, ksize=3) sobel = cv2.magnitude(sobelx, sobely)`	
6	`kernelx = np.array([[1,0,-1],[1,0,-1],[1,0,-1]]) kernely = np.array([[1,1,1],[0,0,0],[-1,-1,-1]]) prewittx = cv2.filter2D(img_gray, -1, kernelx) prewitty = cv2.filter2D(img_gray, -1, kernely) prewitt = prewittx + prewitty`	

7	kernel = cv2.getStructuringElement (cv2.MORPH_RECT,(5,5)) erosion = cv2.erode(img_binary, kernel, iterations=1)	