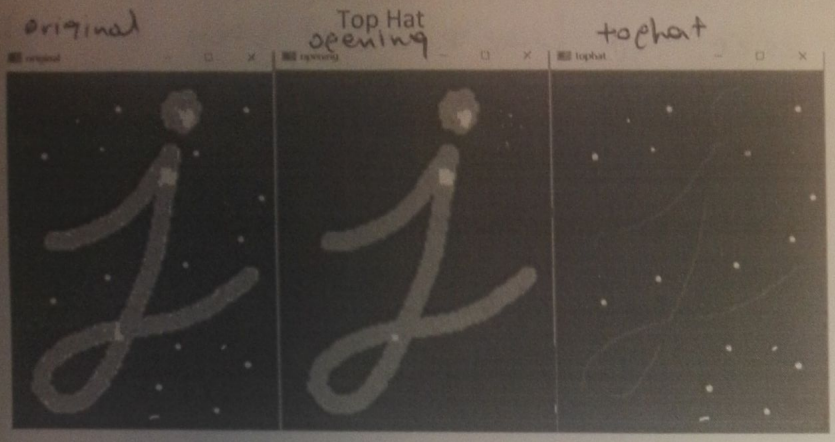
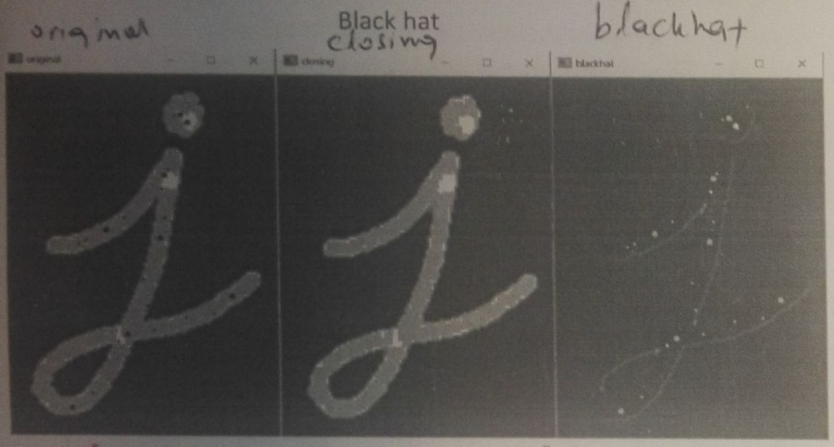
Top hat: The difference between input image and opening the image.

tophat = cv2.morphologyEx(img, cv2.MORPH_TOPHAT, kernel)




The difference between the closing and the input image

blackhat = cv2.morphologyEx(img, cv2.MORPH_BLACKHAT, kernel)

We can create an elliptical or ~~ee~~ circular shaped kernels, instead of rectangular shapes, as we did in the previous example for this purpose, we use cv2.getStructuringElement()

# Rectangular kernel
cv2.getStructuringElement(cv2.MORPH_RECT, (x, y)) ← size

# Elliptical kernel
cv2.getStructuringElement(cv2.MORPH_ELLIPSE, (x, y))

# Cross-shaped kernel
cv2.getStructuringElement(cv2.MORPH_CROSS, (x, y))