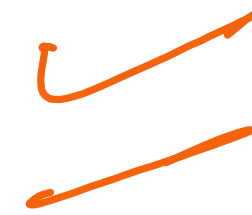


canny image : The image is used for edge detection.

Three argument Passed in canny.

One is image ,

Second and third is threshold to define
Pixels must be checked



Erosion : To remove noise from image.

Three argument

→ **img_canny**
→ **kernel** → a numpy array of 1's
→ **iterations** → move all over Pixels

→ The number of times whole Picture got covered.

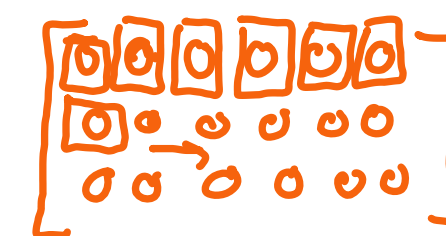
dilate :

Increase Thickness of edges.

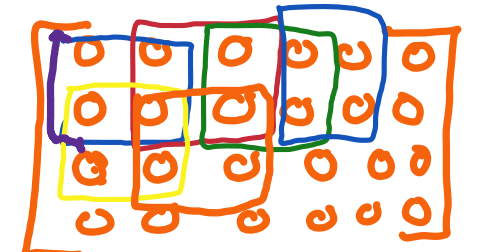
Three arguments

→ **canny img**
→ **kernel** → a numpy array of 1's
→ move over all picture

Kernel Movement on image :



1x1 kernel



2x2 kernel

↳ Iterations → The number of time whole Picture got covered.

- ⇒ Creating image from numpy array
- ⇒ Drawing Rectangle on that image.
- ⇒ Drawing Line and circle.
- ⇒ adding text on image.

Color detection :

Color detection Main concepts :

- Open cv. works in Bgr format (can say opasite of color rgb)
- hsv is better for color separation.
- If we have to provide color to shapes and texts

(drawn on image read by openCV) we use bgr format.

- contours takes boxes that are present in some color range
- open cv image coordinates will be

