GREY SCALE CODE

#img=cv2.imread('./data/png.png')

img=cv2.imread('./data/png.png',cv2.IMREAD\_GRAYSCALE)

cv2.imshow('Image',img)

cv2.waitKey(0)

cv2.destroyALLWindows()

import matpotlib.pyplot as plt

plt.imshow(img)

plt.show()

EDGE DETECTION AND GREY SCALE CODE

import numpy as np

import cv2 as cv

from matplotlib import pyplot as plt

img = cv.imread('./data/png1.png', cv.IMREAD\_GRAYSCALE)

assert img is not None, "file could not be read, check with os.path.exists()"

edges = cv.Canny(img,100,200)

plt.subplot(121),plt.imshow(img,cmap = 'gray')

plt.title('Original Image'), plt.xticks([]), plt.yticks([])

plt.subplot(122),plt.imshow(edges,cmap = 'gray')

plt.title('Edge Image'), plt.xticks([]), plt.yticks([])

plt.show()