**Vision Based Automation**

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**LAB 3: Image normalization using log transformation.**

# -\*- coding: utf-8 -\*-

"""

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"""

import cv2

import numpy as np

img = cv2.imread('city.jpg')

norm\_img = np.zeros((800,800))

final\_img = cv2.normalize(img, norm\_img, 0, 255, cv2.NORM\_MINMAX)

#stacking images side by side

res = np.hstack((img, final\_img))

cv2.imshow('Image', res)

cv2.waitKey(0)

cv2.destroyallwindows()

