Code:

# %%

from PIL import Image

import cv2

from matplotlib import pyplot as plt

filepath = 'image1.jpg'

img = cv2.imread(filepath)

print (type(img))

print (img.shape)

# %%

plt.imshow(img)

plt.xlabel('BGR FORMAT IMAGE')

plt.savefig('BGR image.jpg')

plt.show()

# %%

img = cv2.cvtColor(img, cv2.COLOR\_BGR2RGB)

img = cv2.resize(img, (128,128), cv2.INTER\_LINEAR)

plt.imshow(img)

plt.xlabel("RGB FORMAT IMAGE, RESIZED")

plt.savefig('RGB Resized image.jpg')

plt.show()

print(img.size)

print(type(img))

# %%

import numpy as np

img\_data = np.array(img)

print(img\_data.shape)

print(type(img\_data))

new\_img = Image.fromarray(img\_data)

print(type(new\_img))

new\_img.save(filepath + '.jpg')

Output:

