import cv2  
import numpy as np  
def adjust\_brightness(image, brightness=0):  
 img\_float = image.astype(np.float32)  
 print(img\_float)  
  
 img\_bright = img\_float + brightness  
 print(img\_bright)  
  
 image\_bright = np.clip(img\_bright, 0, 255)  
 print(img\_bright)  
  
 img\_bright = img\_bright.astype(np.uint8)  
 return img\_bright  
image = cv2.imread('coins.jpg')  
brightness = 50  
adjusted\_image = adjust\_brightness(image, brightness)  
cv2.imshow('', image)  
cv2.imshow('', adjusted\_image)  
  
cv2.waitKey(0)  
cv2.destroyAllWindows()  
cv2.imwrite('brightness\_adjusted\_image.jpg', adjusted\_image)