import numpy as np

import cv2 as cv

from google.colab.patches import cv2\_imshow

from google.colab import files

img=cv.imread("25.jpg")

cv2\_imshow(img)

Louvre Museum

img0 = cv.resize(img ,(600,372))#for being able to work with the second image

cv2\_imshow(img0)

img1=img0[0:124,0:200]

cv.imwrite('img5.jpg',img1)

img2=img0[0:124,200:400]

cv.imwrite('img3.jpg',img2)

img3=img0[0:124,400:600]

cv.imwrite('img8.jpg',img3)

img4=img0[124:248,0:200]

cv.imwrite('img2.jpg',img4)

img5=img0[124:248,200:400]

cv.imwrite('img9.jpg',img5)

img6=img0[124:248,400:600]

cv.imwrite('img6.jpg',img6)

img7=img0[248:372,0:200]

cv.imwrite('img1.jpg',img7)

img8=img0[248:372,200:400]

cv.imwrite('img7.jpg',img8)

img9=img0[248:372,400:600]

cv.imwrite('img4.jpg',img9)

cv2\_imshow(img1)

cv2\_imshow(img2)

cv2\_imshow(img3)

cv2\_imshow(img4)

cv2\_imshow(img5)

cv2\_imshow(img6)

cv2\_imshow(img7)

cv2\_imshow(img8)

cv2\_imshow(img9)

img10=cv.hconcat([img7, img4, img2])

img11=cv.hconcat([img9, img1, img6])

img12=cv.hconcat([img5, img3, img8])

cv2\_imshow(img10)

cv2\_imshow(img11)

cv2\_imshow(img12)

print("image position numbers   1 \t 2 \t 3 \n\t\t\t 4 \t 5 \t 6 \n\t\t\t 7 \t 8 \t 9")

print("for swapping the images... if you want 3rd image in first position... answer the question... first position => img3.jpg")

a=cv.imread(input('Which image do you want in the first position =>'))

img13=cv.hconcat([a])

cv2\_imshow(img13)

b=cv.imread(input('Which image do you want in the second position =>'))

img14=cv.hconcat([a,b])

cv2\_imshow(img14)

c=cv.imread(input('Which image do you want in the third position =>'))

img15=cv.hconcat([a,b,c])

cv2\_imshow(img15)

d=cv.imread(input('Which image do you want in the fourth position =>'))

img16=cv.hconcat([d])

cv2\_imshow(img15)

cv2\_imshow(img16)

e=cv.imread(input('Which image do you want in the fifth position =>'))

img17=cv.hconcat([d,e])

cv2\_imshow(img15)

cv2\_imshow(img17)

f=cv.imread(input('Which image do you want in the sixth position =>'))

img18=cv.hconcat([d,e,f])

cv2\_imshow(img15)

cv2\_imshow(img18)

g=cv.imread(input('Which image do you want in the seventh position =>'))

img19=cv.hconcat([g])

cv2\_imshow(img15)

cv2\_imshow(img18)

cv2\_imshow(img19)

h=cv.imread(input('Which image do you want in the eight position =>'))

img20=cv.hconcat([g,h])

cv2\_imshow(img15)

cv2\_imshow(img18)

cv2\_imshow(img20)

i=cv.imread(input('Which image do you want in the ninth position =>'))

img21=cv.hconcat([g,h,i])

cv2\_imshow(img15)

cv2\_imshow(img18)

cv2\_imshow(img21)

#if the second question isn't asked immediately please restart the runtime of this particular cell and do it again till it asks.

#I really dont know why this error is occuring.