import numpy as np

import cv2

cap = cv2.VideoCapture(0)

fourcc = cv2.VideoWriter\_fourcc(\*'XVID')

out = cv2.VideoWriter('gif1.avi',fourcc, 20.0, (640,480))

while(cap.isOpened()):

ret, frame = cap.read()

if ret==True:

frame = cv2.flip(frame,0)

out.write(frame)

cv2.imshow('frame',frame)

if cv2.waitKey(1) & 0xFF == ord('q'):

break

else:

break

cap.release()

out.release()

cv2.destroyAllWindows()