#### //////////////////////////////////// CV2 basics

import cv2

img = cv2.imread("geeksforgeeks.png", cv2.IMREAD\_COLOR)

cv2.imshow("image", img)

cv2.waitKey(0)

cv2.destroyAllWindows()

##///////////////////////////////// video

import cv2

cap = cv2.VideoCapture('chaplin.mp4')

if (cap.isOpened()== False):

print("Error opening video stream or file")

while(cap.isOpened()):

ret, frame = cap.read()

if ret == True:

cv2.imshow('Frame',frame)

if cv2.waitKey(25) & 0xFF == ord('q'):

break

else:

break

cap.release()

cv2.destroyAllWindows()

##//////////////////////////////////// webcam

import cv2

vid = cv2.VideoCapture(0)

while(True):

ret, frame = vid.read()

cv2.imshow('frame', frame)

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

break

vid.release()

cv2.destroyAllWindows()