import cv2

face\_cascade =cv2.CascadeClassifier('haarcascade\_frontalface\_default.xml')

cap = cv2.VideoCapture(0)

while True:

ret, img = cap.read()

gray = cv2.cvtColor(img, cv2.COLOR\_BGR2GRAY)

faces = face\_cascade.detectMultiScale(gray, scaleFactor=1.1, minNeighbors=5)

for (x,y,w,h) in faces:

cv2.rectangle(img,(x,y),(x+w,y+h),(255,255,0),2)

cv2.imshow('img',img)

k = cv2.waitKey(30) & 0xff

if k == 27:

break

cap.release()

cv2.destroyAllWindows()