import cv2

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

eye\_cascade = cv2.CascadeClassifier('haarcascade\_eye.xml')

cap = cv2.VideoCapture(0)

while 1:

ret, img = cap.read()

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

faces = face\_cascade.detectMultiScale(gray, 1.3, 5)

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

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

roi\_gray = gray[y:y+h, x:x+w]

roi\_color = img[y:y+h, x:x+w]

eyes = eye\_cascade.detectMultiScale(roi\_gray)

for (ex,ey,ew,eh) in eyes:

cv2.rectangle(roi\_color,(ex,ey),(ex+ew,ey+eh),(0,127,255),2)

cv2.imshow('img',img)

k = cv2.waitKey(30) & 0xff

if k == 27:

break

cap.release()

cv2.destroyAllWindows()