import cv2

import sys

faceCascade = cv2.CascadeClassifier("haarcascade\_frontalface\_default.xml")

video\_capture = cv2.VideoCapture(0)

while True:

# Capture frame-by-frame

retval, frame = video\_capture.read()

# Convert to grayscale

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

# Detect features specified in Haar Cascade

faces = faceCascade.detectMultiScale(

gray,

scaleFactor=1.1,

minNeighbors=5,

minSize=(35, 35)

)

# Draw a rectangle around recognized faces

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

cv2.rectangle(frame, (x, y), (x+w, y+h), (50, 50, 200), 2)

# Display the resulting frame

cv2.imshow('Video', frame)

# Exit the camera view

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

sys.exit()