

```
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()
```