

Open front camera python code

```
import cv2
video_cap =cv2.VideoCapture(0)
while True :
    ret , video_data=video_cap.read()
    cv2.imshow("video_live ",video_data)
    if cv2.waitKey(10)==ord("a"):
        break
```

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face detection python code

```
import cv2
face_cap=cv2.CascadeClassifier("C://Users//HP//AppData//Roaming//Python//Python39//site-packages//cv2//data//haarcascade_frontalface_default.xml")

video_cap =cv2.VideoCapture(0)
while True :
    ret , video_data=video_cap.read()
    col=cv2.cvtColor(video_data,cv2.COLOR_BGR2GRAY)
    faces = face_cap.detectMultiScale(
        col,
        scaleFactor=1.1,
        minNeighbors=5,
        minSize=(30, 30),
        #flags = cv2.CV_HAAR_SCALE_IMAGE)
    for (x, y, w, h) in faces:
        cv2.rectangle(video_data, (x, y), (x+w, y+h), (0, 255, 0), 2)
    cv2.imshow("video_live ",video_data)
    if cv2.waitKey(10)==ord("a"):
        break
video_cap.release()
```