#import numpy as np import cv2 face\_cascade = cv2.CascadeClassifier(“C:\ProgramData\Anaconda3\Library\etc\haarcascades\haarcascade\_frontalface\_default.xml”) cam = cv2.VideoCapture(0) rec = cv2.face.LBPHFaceRecognizer\_create(); rec.read(“recognizer/trainingData.yml”)

font=cv2.FONT\_HERSHEY\_COMPLEX\_SMALL fontScale=1 fontColor=(208,225,30) lineType=2

while(True):

ret, img = cam.read();

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

faces = face\_cascade.detectMultiScale(gray,3.5,5);

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

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

id,conf=rec.predict(gray[y:y+h,x:x+w])

if(id==0):

id =“vinit”

else:

id=“unknown”;

cv2.putText(img,str(id),(x,y+h),font,fontScale,fontColor,lineType);

cv2.imshow(‘img’,img);

if cv2.waitKey(10) :

break cam.release() cv2.destroyAllWindows()