import cv2

import time

import os

import uuid

IMAGES\_PATH = 'Tensorflow/workspace/images/collectedimages'

labels = ('hello' , 'thanks', 'yes', 'no', 'iloveyou')

number\_imgs = 15

Import os

for label in labels:

directory\_path = f"Tensorflow/workspace/images/collectedimages/{label}"

os.makedirs(directory\_path, exist\_ok=True)

cap = cv2.VideoCapture(4)

print('Collecting images for {}'.format(label))

time.sleep(5)

for imgnum in range (number\_imgs):

ret, frame = cap.read()

imgname = os.path.join(IMAGES\_PATH, label, label+ '.' + '{}.jpg' .format(str(uuid.uuid1())))

cv2.imwrite(imgname, frame)

cv2.imshow('frame', frmae)

time.sleep(2)

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

break

cap.release()