import cv2

import numpy as np

from PIL import ImageGrab

import tkinter as tk

root = tk.Tk()

width\_px = root.winfo\_screenwidth()

height\_px = root.winfo\_screenheight()

print('Width: %i px, Height: %i px' % (width\_px, height\_px))

y=height\_px/2

x=width\_px/2

while True:

img1 = ImageGrab.grab(bbox=(0, 0, x, y)) #x, y, w, h

img2 = ImageGrab.grab(bbox=(x, 0, width\_px, y)) #x, y, w, h

img3 = ImageGrab.grab(bbox=(0, y, x, height\_px)) #x, y, w, h

img4 = ImageGrab.grab(bbox=(x, y, width\_px, height\_px)) #x, y, w, h

img1\_np = np.array(img1)

img2\_np = np.array(img2)

img3\_np = np.array(img3)

img4\_np = np.array(img4)

frame1 = cv2.cvtColor(img1\_np, cv2.COLOR\_BGR2RGB)

frame2 = cv2.cvtColor(img2\_np, cv2.COLOR\_BGR2RGB)

frame3 = cv2.cvtColor(img3\_np, cv2.COLOR\_BGR2RGB)

frame4 = cv2.cvtColor(img4\_np, cv2.COLOR\_BGR2RGB)

cv2.imshow("Screen1", frame1)

cv2.imshow("Screen2", frame2)

cv2.imshow("Screen3", frame3)

cv2.imshow("Screen4", frame4)

if cv2.waitKey(1)==25:

break

cv2.destroyAllWindows()

#from screeninfo import get\_monitors //Ekran Boyutunu alan bir başka kod

#for m in get\_monitors():

#print(str(m))

import socket

import numpy

import time

import cv2

UDP\_IP = "192.168.1.30"

UDP\_PORT = 5058

sock = socket.socket(socket.AF\_INET,socket.SOCK\_DGRAM)

sock.bind ((UDP\_IP, UDP\_PORT))

s=b""

while True:

data, addr = sock.recvfrom(46080)

s += data

if len(s) == (46080\*20):

frame = numpy.fromstring (s,dtype=numpy.uint8)

frame = frame.reshape (480,640,3)

cv2.imshow('frame',frame)

s=b""

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

break

import socket

import numpy

import cv2

UDP\_IP = "192.168.1.26"

UDP\_PORT = 5058

sock = socket.socket(socket.AF\_INET, socket.SOCK\_DGRAM)

sock.bind((UDP\_IP, UDP\_PORT))

s = b""

while True:

data, addr = sock.recvfrom(46080)

s += data

if len(s) == (46080 \* 20):

img1 = numpy.fromstring(s, dtype=numpy.uint8)

img1 = img1.reshape(480, 640, 3)

cv2.imshow('Monitor1', img1)

s = b""

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

break