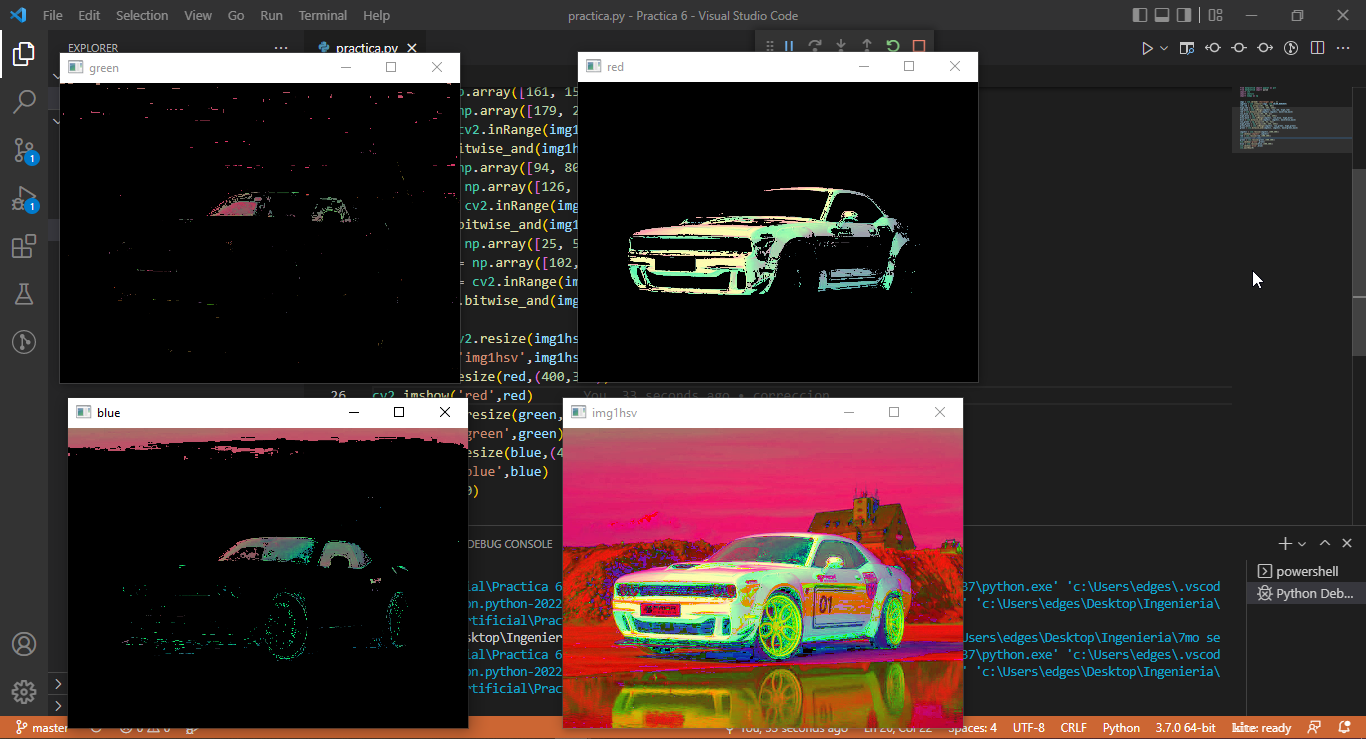
PEDRO MIGUEL ELGUERA MORA 19110148

ceti colomos  VISION ARTIFICIAL 7E1

Manual de usuario practica 6

MANUAL DE USUARIO

# EVIDENCIA



# APP



Esta es la vista principal de la aplicación.

# Git:

<https://github.com/PedroElgueraCeti/Practica-6_VisionArtificial.git>

# Code:

#Pedro Miguel Elguera Mora 19110148

from matplotlib import pyplot as plt

from matplotlib import pylab

import cv2

import imutils

import numpy as np

img1 = cv2.imread('challenger.jpg', 1)

img1hsv = cv2.cvtColor(img1, cv2.COLOR\_BGR2HSV)

low\_red = np.array([161, 155, 84])

high\_red = np.array([179, 255, 255])

red\_mask = cv2.inRange(img1hsv, low\_red, high\_red)

red = cv2.bitwise\_and(img1hsv,img1hsv, mask=red\_mask)

low\_blue = np.array([94, 80, 2])

high\_blue = np.array([126, 255, 255])

blue\_mask = cv2.inRange(img1hsv, low\_blue, high\_blue)

blue = cv2.bitwise\_and(img1hsv, img1hsv, mask=blue\_mask)

low\_green = np.array([25, 52, 72])

high\_green = np.array([102, 255, 255])

green\_mask = cv2.inRange(img1hsv, low\_green, high\_green)

green = cv2.bitwise\_and(img1hsv, img1hsv, mask=green\_mask)

img1hsv = cv2.resize(img1hsv,(400,300))

cv2.imshow('img1hsv',img1hsv)

red = cv2.resize(red,(400,300))

cv2.imshow('red',red)

green = cv2.resize(green,(400,300))

cv2.imshow('green',green)

blue = cv2.resize(blue,(400,300))

cv2.imshow('blue',blue)

cv2.waitKey(0)