Blue tracker, poor lighting

Blue tracker, good lighting

Color detector
BGR = [50,100,90]
upper = np.array([10,50,50])
lower = np.array([10,50,50])
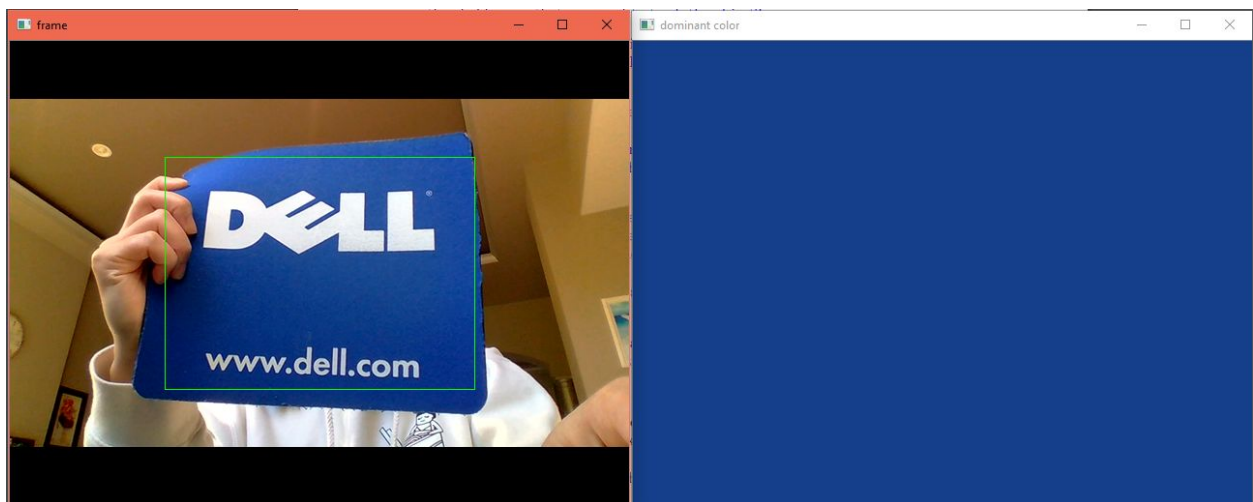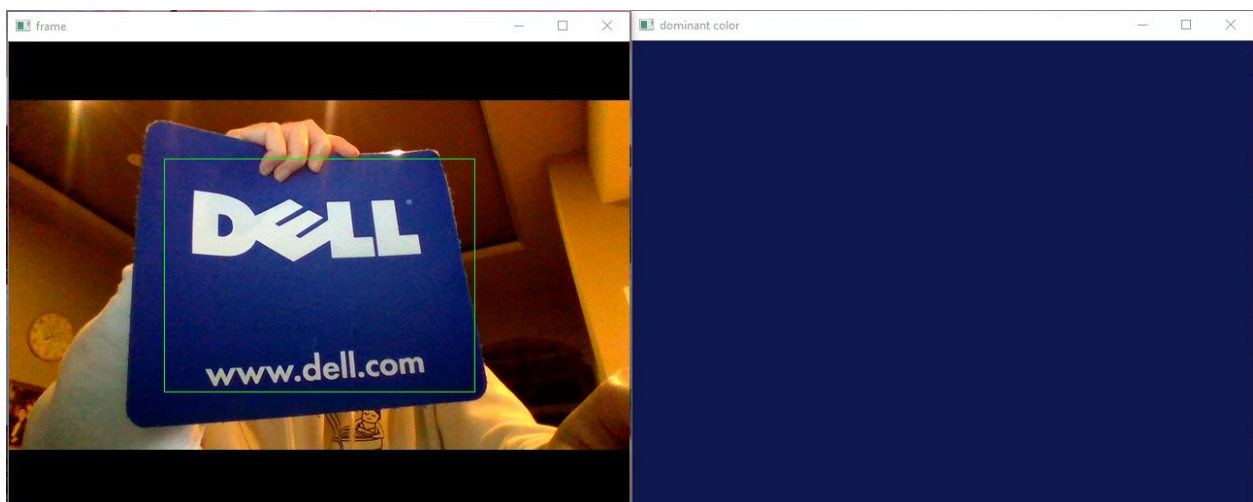
Color detector
BGR = [50,50,255]
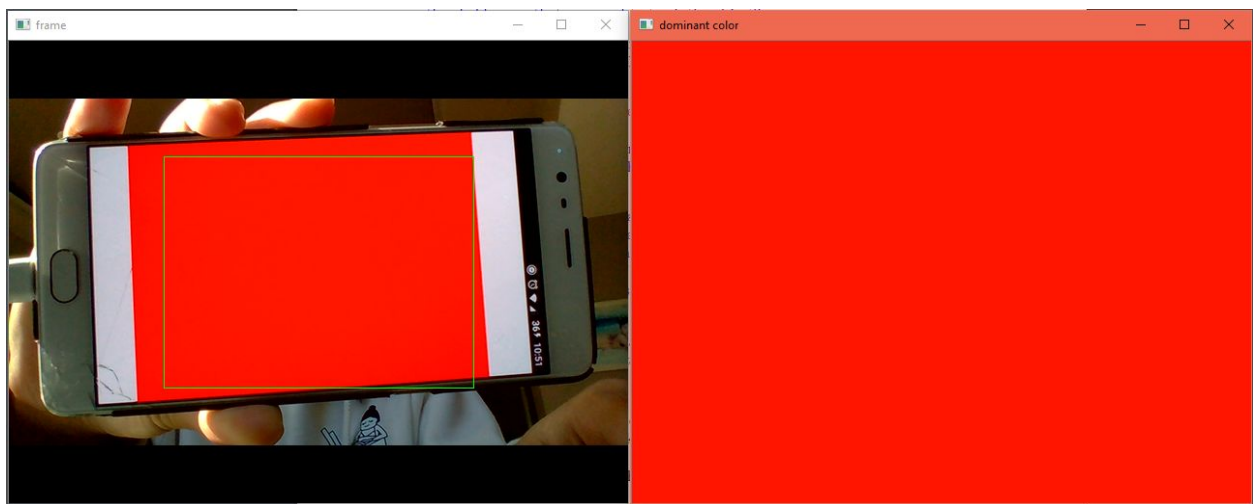upper = np.array([0,50,50])
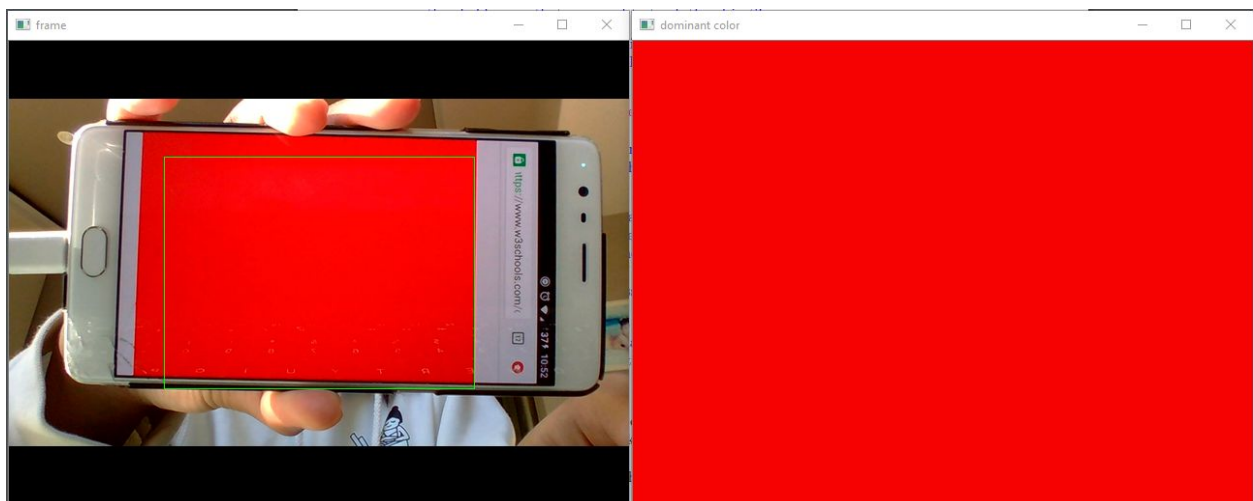lower = np.array([50,50,50])

Dominant color, good lighting

Dominant color, poor lighting

Dominant color, full brightness

Dominant color, low brightness