

In [ ]: *# Only Red color detection*

```
import cv2
import numpy as np

cap = cv2.VideoCapture(0)

while True:
    _, frame = cap.read()
    hsv_frame = cv2.cvtColor(frame, cv2.COLOR_BGR2HSV)

    # Red color
    low_red = np.array([161, 155, 84]) # Lowest hue would be - 161,155,84( how do
    high_red = np.array([179, 255, 255])
    #mask = cv2.inRange(hsv_frame, low_red, high_red)

    red_mask = cv2.inRange(hsv_frame, low_red, high_red) #we create maskk on hsv
    red = cv2.bitwise_and(frame, frame, mask=red_mask)

    cv2.imshow("Frame", frame)
    #cv2.imshow('Red mask', mask)
    cv2.imshow('Red', red)

    key = cv2.waitKey(1)
    if key == 27:
        break
```

In [ ]: