

Code :

```
import cv2

stop_classifier=cv2.CascadeClassifier("stop_data.xml")

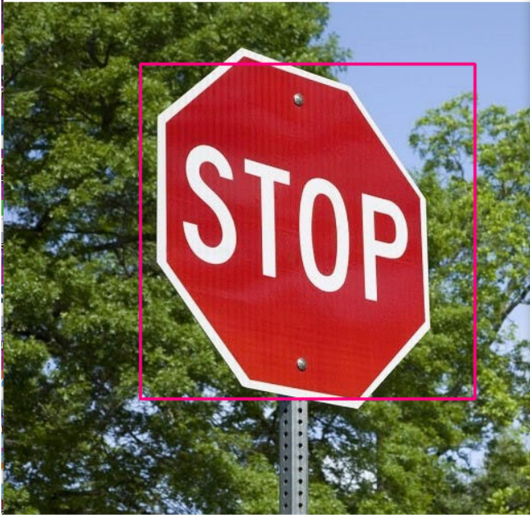
#It will read the first frame/image of the video
image=cv2.imread('image.jpg')

cv2.imshow('Image',image)

stop = stop_classifier.detectMultiScale(image,1.3,5)
print(stop)
for(x,y,w,h) in stop:
    cv2.rectangle(image, (x,y), (x+w,y+h), (127,0,255), 2)
    cv2.imshow('stop detection', image)
    cv2.putText(image, 'stop',(x,y-10), cv2.FONT_HERSHEY_SIMPLEX, 0.5, (255,0,0), 1)

Key=cv2.waitKey(1)
if Key==ord('q'):
    #release the camera
    video.release()
    #destroy all windows
    cv2.destroyAllWindows()
    break
```

stop detection



Image



IDLE Shell 3.9.6

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Python 3.9.6 (tags/v3.9.6:db3ff76, Jun 28 2021, 15:26:21) [MS
C v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more i
nformation.

>>>

===== RESTART: C:/Users/sriba/Desktop/ASMT4.py
=====

[[133 60 326 326]]

>>> |

Ln: 6 Col: 4