```
# Read the video stream from the camera
# cap = cv2.VideoCapture('http://192.168.18.4:8080/video')
# cap = cv2.VideoCapture('https://10.137.131.218:8080/video')
cap= cv2.VideoCapture(0)

while(True):

    ret, frame = cap.read()
    if not ret:
        break

    # Calculate the Average FPS
    frame_counter += 1
    fps = (frame_counter / (time.time() - start_time))

    # Display the FPS
    cv2.putText(frame, 'FPS: {:.2f}'.format(fps), (20, 20),
cv2.FONT_HERSHEY_SIMPLEX, 0.6, (0, 0, 255),1)

    # Show the Frame
    cv2.imshow('frame',frame)

    # Exit if q is pressed.
    if cv2.waitKey(1) == ord('q'):
        break

# Release Capture and destroy windows
cap.release()
cv2.destroyAllWindows()
```

countourdetection.py

```
import cv2
import numpy as np
# initlize video capture object
# cap = cv2.VideoCapture('sample_video.mp4')
cap = cv2.VideoCapture(0)
# cap = cv2.VideoCapture('http://192.168.137.114:8080/video')
#
# cap = cv2.VideoCapture('https://10.137.131.218:8080/video')
width = 1024
height = 720
```