In [1]:
```
import cv2
```

In [4]:
```
plate_cascade = cv2.CascadeClassifier('haarcascade_license_plate_rus_16stages (1).x
```

In [21]:
```
img1 = cv2.imread("cars.jpg")
img1_copy = img1.copy()

num_rects = plate_cascade.detectMultiScale(img1_copy)
print(num_rects)

for (x,y,w,h) in num_rects:
    cv2.rectangle(img1_copy, (x,y), (x+w,y+h), (0,255,0),3)
    cv2.putText(img1_copy,'Detected',(x,y),cv2.FONT_HERSHEY_COMPLEX_SMALL,1,(0,255,

cv2.imshow("plate detection",img1_copy)
cv2.waitKey(0)
cv2.destroyAllWindows()
```

```
[[111 251 141  35]]
```

In [ ]:
```

```