License Plate Recognition

In this Exercise, The computer should be able to detect license plate of Indonesia’s cars with opencv and python language. The Paper that has given, show how to detect license plate and sorting odd and even series of license number with MATLAB. Furthermore, I take some references from Internet and edit the code to detect Indonesia’s license plate number. The result is quite good but still lack of accuracy to recognize the number of license plate perfectly in some pictures.

The method that use to filter the picture is :

- Adaptive Threshold

- Morphology Transformation

- Contours

To detect character and number from the license plate we should apply KNN method:

- Train KNN

- We will get the classification and flattened\_images in text file

- We use those file to apply KNN in license plate recognition.

Note:

Run the Main.py to get result