**Automatic Number Plate Recognition (ANPR)**

**Summary:**

This Python code demonstrates the use of the EasyOCR library for Optical Character Recognition (OCR) to extract text from images. It also includes image preprocessing steps using OpenCV, such as noise reduction, edge detection, and contour identification. The code focuses on extracting text from an image of a license plate. It displays the original image, performs preprocessing steps, identifies the license plate region, extracts the text, and overlays the recognized text on the image.

**Libraries and Dependencies:**

1. IPython.display: Used for displaying images in the Jupyter Notebook environment.
2. opencv-python: OpenCV is a computer vision library. Install it using pip install opencv-python.
3. matplotlib: This library is used for creating plots and visualizations. Install it using pip install matplotlib.
4. imutils: A collection of convenience functions for OpenCV. Install it using pip install imutils.
5. easyocr: This library is used for optical character recognition. Install it using pip install easyocr.