Try to make detection to a picture not video.

Main Components

1. Dependencies:

- YOLOv8 for vehicle/plate detection (Remove vehicle detection and tracking)
- o SORT algorithm for object tracking (don't track, only make detection for each frame)
- o OpenCV for video processing
- Tesseract OCR for text recognition
- Special handling for Turkish license plate formats

Take 3 frames a second, and if the 3 numbers match it's correct, if not, continue by checking the next frame.

2. Features:

- Vehicle detection and tracking (no need)
- License plate detection and OCR
- Turkish plate format validation
- o Real-time visualization with FPS counter

3. Functions

- OCR Correction System (correct_character()):
 - 1. Handles common OCR misreads: $'x \ O' \rightarrow '0', 'I' \rightarrow '1', 'Z' \rightarrow '2', etc.$
- Turkish Plate Validation (expected_turkish_plate_structure()):
 - 1. Validates format: ## ABC 1234 (2 digits + letters + digits)
 - 2. Province code check (01-81)

(no need for these)

- Image Preprocessing (preprocess_plate_image()):
- Uses 4 techniques for OCR optimization:
 - 1. Grayscale conversion (no need)
 - 2. Adaptive thresholding
 - 3. CLAHE contrast enhancement
 - 4. Otsu's binarization