



# ODN Python Assignment

## Tasks:

### 1. Border Size Detection:

- Write a Python script that:
  - Loads all images in the ``input/`` directory.
  - Automatically detects the border/frame around each image.
  - Calculates the width and height (in pixels) of the detected border.
  - Detects which side(s) the border appears on (e.g., top, bottom, left, right).
  - Generates a CSV report with detailed results for each image.

### 2. Border Removal and Saving:

- Write a Python script that:
  - Loads all images in the ``input/`` directory.
  - Detects and removes the border/frame from each image.
  - Saves the cropped images into the ``output/`` folder, preserving original filenames.

### IMPORTANT NOTE:

Do NOT use ChatGPT or similar AI tools to generate your solution.  
Any code detected as AI-generated will not be considered.

## Requirements:

- Code should work correctly on at least 90% of input images.