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## Algorithm

### 1. Collect text-based images:

- Collect images such as screenshots, self-generated images, or datasets from Kaggle.

### 2. Extract text from images:

- Load the image into memory using OpenCV.
- Use the 'pytesseract' library to extract all text from the image.

### 3. Generate a summary:

- Use a *transformer* model to generate a summary of the extracted text.

### 4. Generate a label:

- Take the *first two letters* of the generated summary as the label.

### 5. Rename images:

- Rename all images by using the generated label (2 letters) as the new filename, ensuring to retain the original file extension.
- Ensure that the *image path remains unchanged*.