



Pipeline for gcp detection

Completed sub-tasks

- Read the image and used a copy of the image was used for image processing.
- Implemented image contouring technique for GCP detection.

Image Contouring

- Contours are continuous curves that follow edges along a boundary having same color or intensity, thus makes it easy for us to detect L-shaped GCP.
- Advantage
 - Detects the boundary of an object based on color or intensity.
 - Provides information on the shape of the object.
- Drawback
 - Contouring works well when there is a white object with a black background which makes it easy for determining the boundary. For this, we need to create a binary threshold of an image that has black and white pixels to distinguish between objects.