

## Project 1: Electronics Recycling - Component Detection

### Project Description:

In the field of electronics recycling, identifying and sorting electronic components is a crucial task. Develop a program that takes images of electronic circuit boards as input and uses OpenCV for edge detection, contour finding, and corner detection to locate and identify various components like resistors, capacitors, and integrated circuits. The program should draw contours around the identified components and mark corners for better visualization.

Input



output

