

# VisionForge: Assignment 3

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Due date: 13 Jan, 2024

Due time: 11:59PM

## 1. Circle Detection

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How can I use Python to detect and highlight coins in an image? I want to draw a green boundary around the detected coins, and once the circles are identified, I'd like to fill them with a red color.

Here is the link for the image: [Image link](#)

## 2. Region Segmentation

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How do I use Python to segment regions in an image using k-means clustering? Specifically, I'd like to try two different segmentations with k values of 3 and 5. Here is the link for the image: [Image Link](#)

*Note: Do both questions in a single Google colab file.*