University of the Punjab

Gujranwala Campus

Department of Information Technology

Assignment: Computer Vision

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Feature Extraction:

Code:

```
% Read the image
Coins = imread('coins.png');


% Convert the image to binary
CoinsBW = im2bw(Coins);


% Find the boundary of the object (coin) at coordinate (27,60)
CoinBoundary = bwtraceboundary(CoinsBW, [27, 60], 'N');


% Display the original image
imshow(Coins);
hold on;


% Plot the detected boundary in red
plot(CoinBoundary(:,2), CoinBoundary(:,1), 'r', 'LineWidth', 2);
hold off;
```