Project 7 Coin Detection with OpenCV

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Did you use OpenCV to detect coins?   yes

What functions/methods from OpenCV did you use?

GaussianBlur()
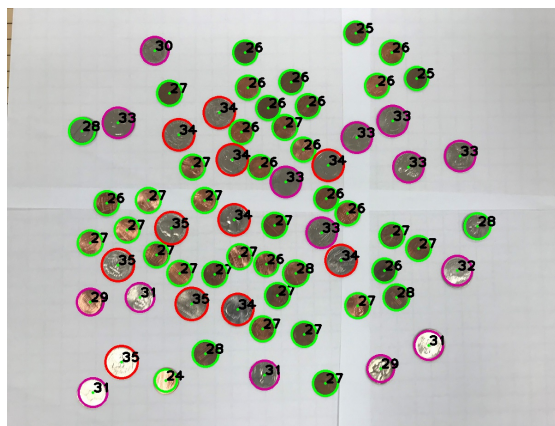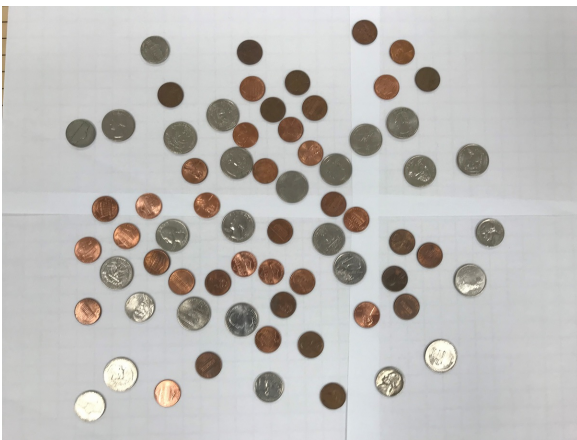
Canny()

HoughCircles()

putText()

circle()

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What functions/methods from OpenCV did you experiment with but ended not using?
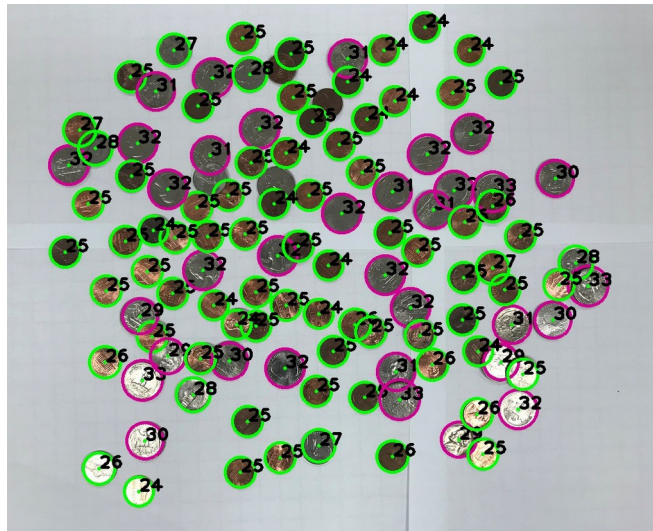
Blur() replaced by GaussianBlur()

Experimented with slider bars and countour detections. There was a function for creating bounding circles for closed contours
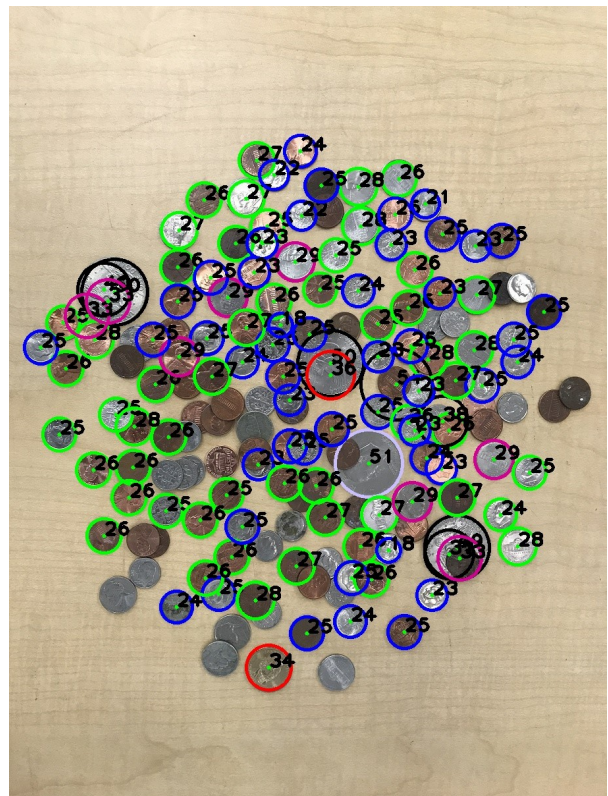
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Below do the following:

1) Paste here 2 clear pictures of the initial picture, the picture with the original image and the circles you detected drawn in red (bolded and you may use more colors if you wish).
2) Paste the content of your results.txt file

num pennies: 39 num quarters: 18 num nickels: 8 num dimes: 0 num half dollars: 0 total value: 529 cents

num pennies: 74 num quarters: 4 num nickels: 30 num dimes: 0 num half dollars: 0 total value: 324 cents

num pennies: 35 num quarters: 4 num nickels: 5 num dimes: 26 num half dollars: 1 total value: 470 cents