**Practical No 1**

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**Image Segmentation And Analysis** rgb = imread("coloredChips.png"); imshow(rgb) d = drawline; pos = d.Position; diffPos = diff(pos);

diameter = hypot(diffPos(1),diffPos(2)) gray\_image = im2gray(rgb); imshow(gray\_image)

[centers,radii] = imfindcircles(rgb,[20 25],"ObjectPolarity","dark") [centers,radii] = imfindcircles(rgb,[20 25],"ObjectPolarity","dark", ...

"Sensitivity",0.9) imshow(rgb)

h = viscircles(centers,radii);

**Output:**

 

