Assignment 4

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- Read an image “moon.png” as gray-scale image
  - Perform histogram equalization on the input image
    - Display each image with the window name as “before”, “after”
  - Display histogram of the input and the result image
    - Set the number of bins as 16
    - Set the matrix size for displaying histogram as width:512, height:512
    - Display each image with the window name as “h1”, “h2”
  - Compute normalized histogram and display each element of the histogram on the image
    - Set the number of bins as 8
    - You can arbitrarily set the font, color, and position of the text