

Assignment 2

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- Read an image "lena.png"
- Perform the following operations
 - Negative transformation (Result mat: negative_img)
 - Log transformation (Result mat: log_img)
 - Use log(mat a) function to perform log operation
 - To use log function, pixel type of input should be floating point
 - Also use normalize(img, img, 0, 255, NORM_MINMAX)
 - normalize img to (0~255)
 - Gamma transformation with gamma as 0.5 (Result mat gamma_img)
 - Make sure you normalize pixel values from 0 to 1.0