# Lab 4

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1 Histogram of an Image



Figure 1. race.tif

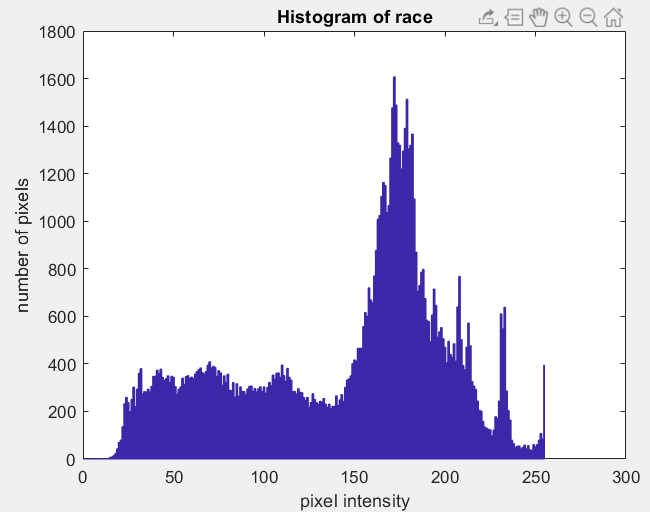
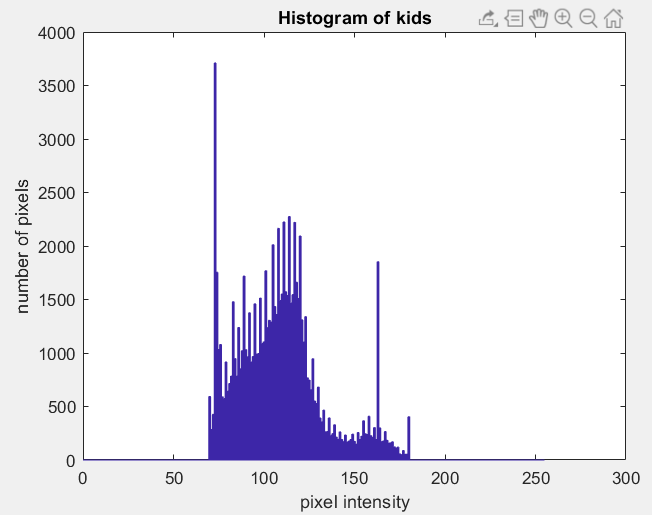




Figure 2. kids.tif



2 Histogram Equalization

2.



3.



4.



3 Contrast Stretching

2.

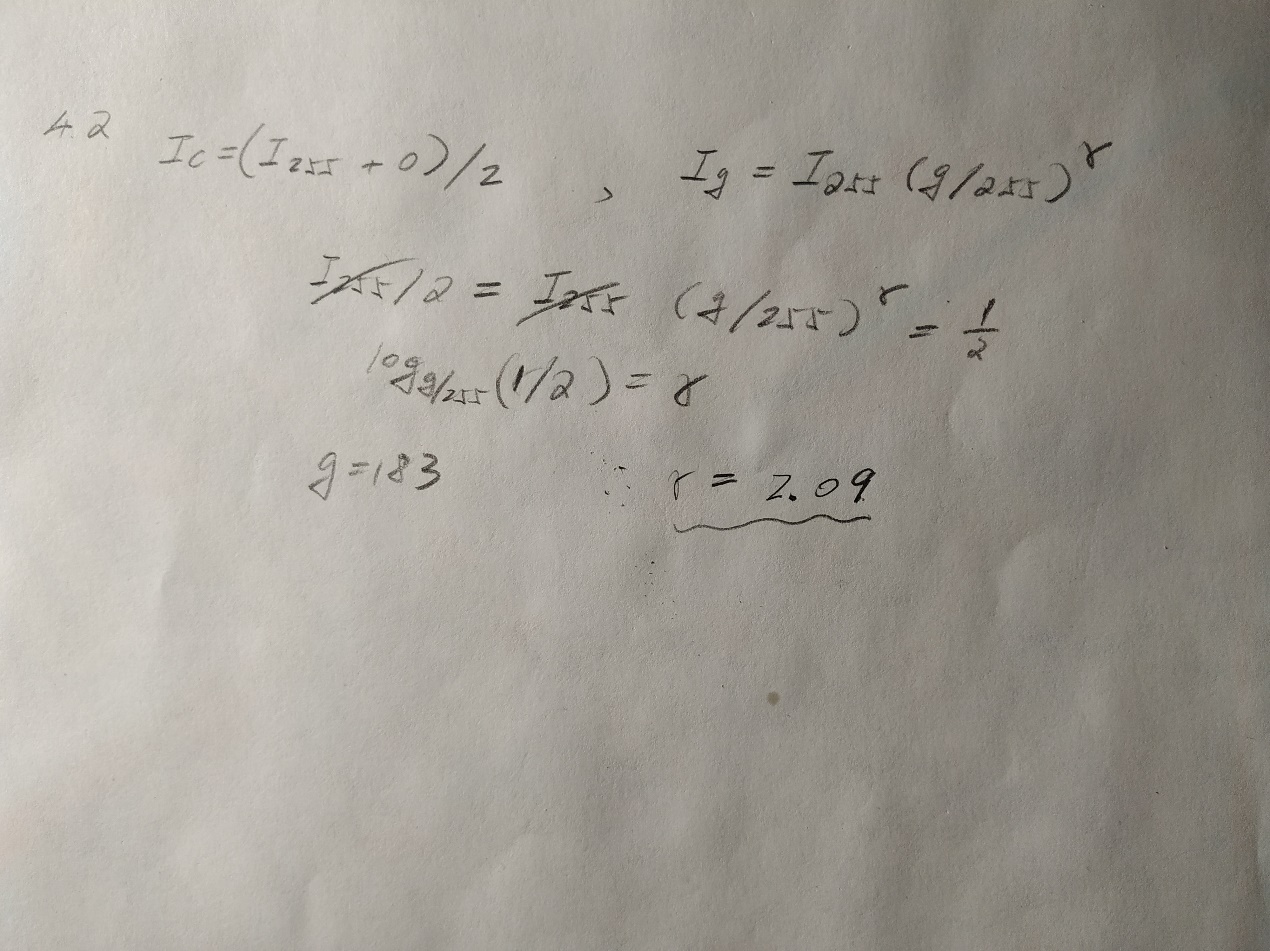


4.2 Determining the Gamma of Your Computer Monitor

1.



2 & 3.



4.3 Gamma Correction

1. γ = 2.09



Figure . original image



Figure . corrected image

2.

Corrected image = 255 \* (Original Image / 255)^(1/γ)

4.3 Gamma Correction

1.



Figure . corrected image of gamma15.tif

2.

