image = imread('Unaisah.jpg');

gamma\_values = [0.5, 1.0, 2.0];

figure;

for i = 1:length(gamma\_values)

    gamma\_corrected = imadjust(image, [], [], gamma\_values(i));

    subplot(1, length(gamma\_values), i);

    imshow(gamma\_corrected);

    title(['Gamma = ', num2str(gamma\_values(i))]);

end

sgtitle('Gamma Correction Examples');