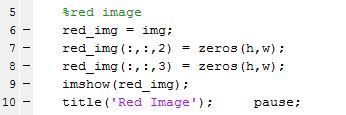
Assignment 01

BASIS IMAGE PROCESSING

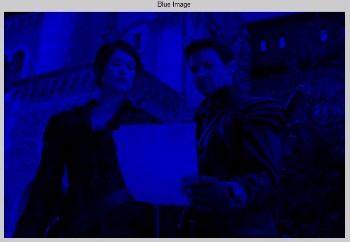
Y.U.P De Silva

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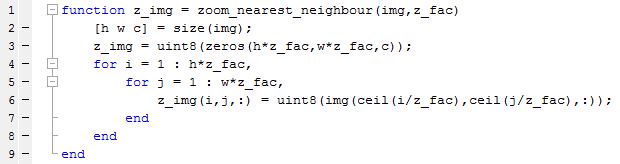
01.)



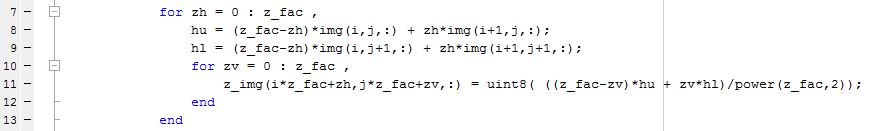
Original Image

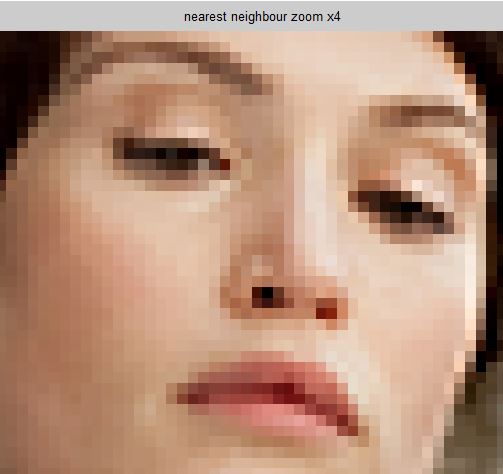
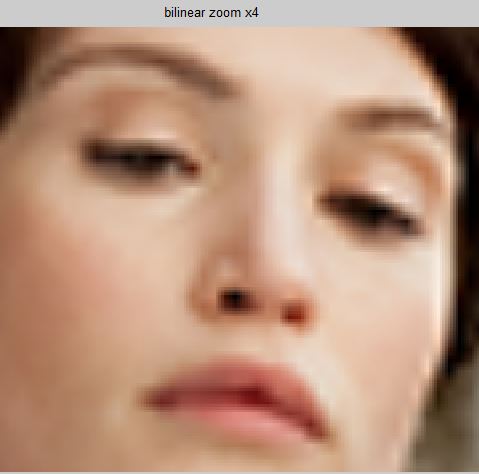


Red Image Green Image Blue Image Grayscale Image

02.)

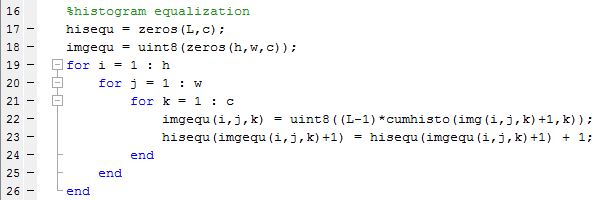
(i)

(ii) Bilinear zooming (Only the part where bilinear interpolation is done is shown due to limited space =)

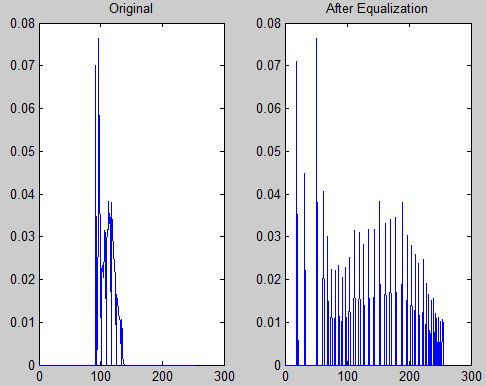
Both methods give a zoomed output which looks fine

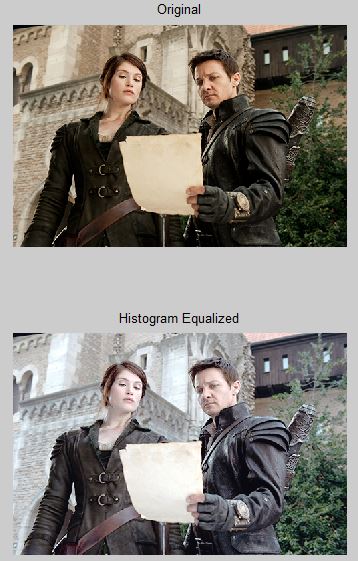
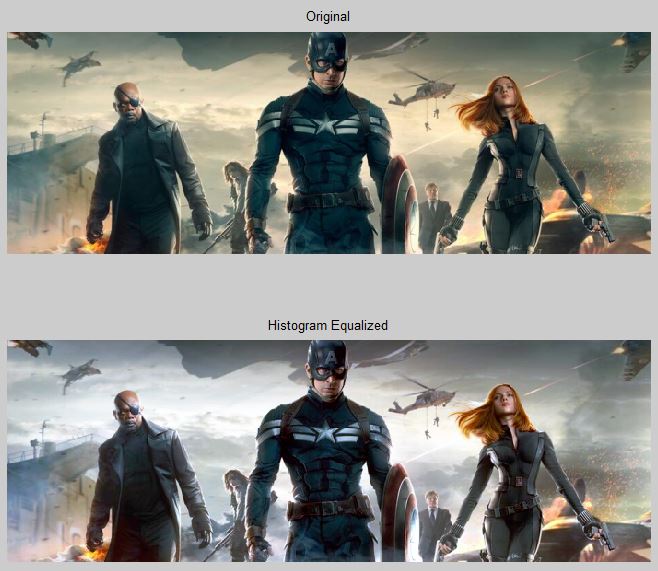
But when take a closer look at Gretel’s face

Bilinear zooming looks much better

3.)







4.)