Q1) Image Sharpening

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Report:

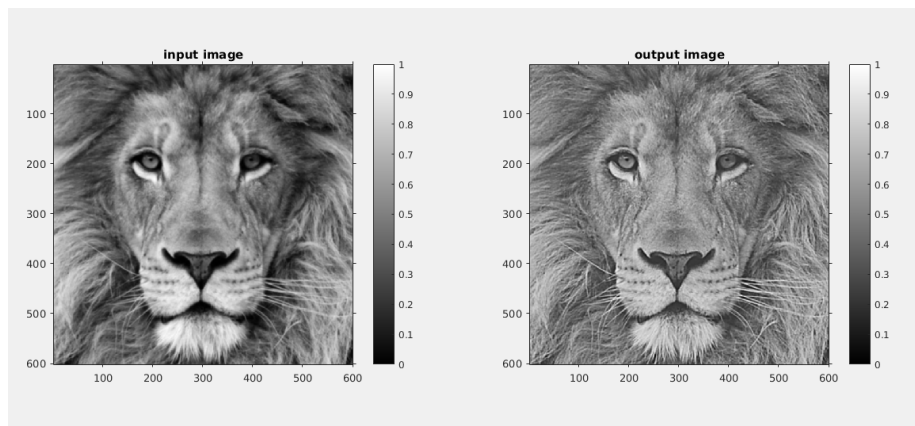Here are the results for image `lionCrop.mat`:

Figure 1: Original and Sharpened images
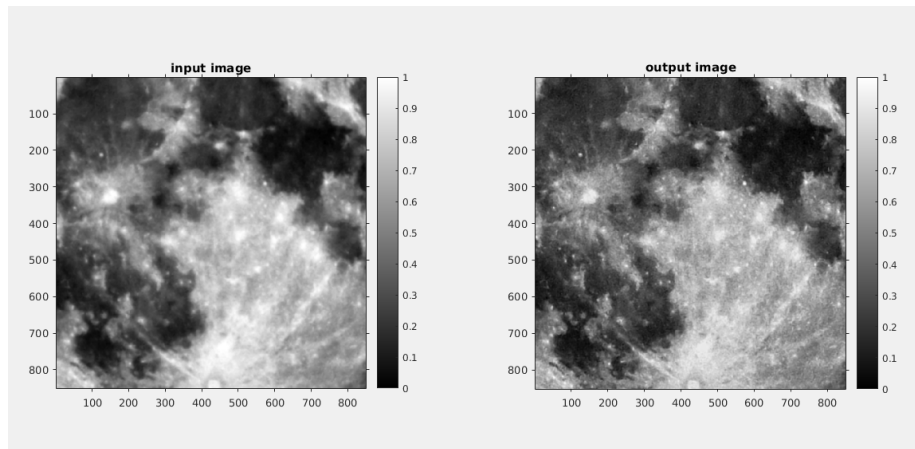
Here are the results for image `superMoonCrop.mat`:

Figure 2: Original and Sharpened images

Optimal parameters values are as follows:
For image = `lionCrop.mat` :
`standard deviation = 2`
`scaling factor = 2.5`

For image = `superMoonCrop.mat` :
`standard deviation = 2`
`scaling factor = 3`