2.img1_green looks like a better monochrome image
4.
    a. minima,maxima,standard deviation can be found using the functions provided in the matlab.

    d.the negative pixels will be taken as zero while processing the image.
5.
    a. The value of sigma=0.2
    c. Noised_blue looks better as initially the contribution of blue is very less in the picture the added noise did not make much difference.