

Programming Assignment-1

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- 1) Observe an image for different quantization levels and sampling rates. (**You can use inbuilt function of matlab**)
- 2) Write a program which will transform a given image in such way that the resultant image histogram is equivalent to histogram of another image. Please transform the same image using gamma transformation for different values of gamma. (**You cannot use inbuilt function**)
- 3) Observe the significance of DFT coefficients of any image. Your program should take the following inputs: minimum and maximum horizontal frequency coefficients index, minimum and maximum vertical frequency coefficients index. Reconstruct the given image for above mentioned parameters. Also repeat the same experiments for phase only synthesis image.

Date of evaluation 27/09/2019