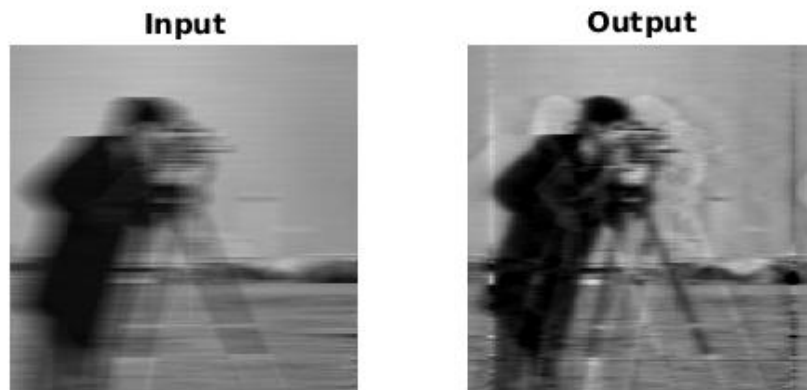# Digital Image Processing
Assignment 04

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Roll number: 201502034

Answer 1:

Inbuilt deblurring functions are used. The results are obtained as follows:

Input   Output

Input   Output

Answer 2:
The required compressions were made. The results are as follows:

Input image

Using DCT

Using FFT
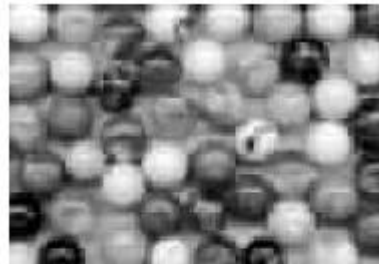

Using Wavelet

RMS Errors:
DCT=97.785
FFT=97.7835
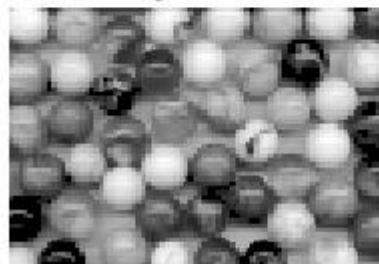Wavelet=12.2071

Input image

Using DCT

Using FFT

Using Wavelet

RMS Errors:
DCT=143.8837
FFT=143.8820
Wavelet=13.7723

Input image

Using DCT

Using FFT

Using Wavelet

RMS Errors:
DCT=119.6986
FFT=119.6931
Wavelet=16.9656