DIP Assignment Question

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Dear students

This week DIP Assignment question is :

1. Swap phase of the dog image and magnitude of the lena image and display the output.

2. Swap phase of the lena image and magnitude of the dog image ad display the output

Note:

a. Write a function to implement FFT for 1D signal.

b. Implement DFT function for an image using the FFT for 1D signal using question 3.

c. Consider the images of lena and dog images attached. Find phase and magnitude of the dog and lena images using the DFT function (in b).

d. Compare the results with predefined function
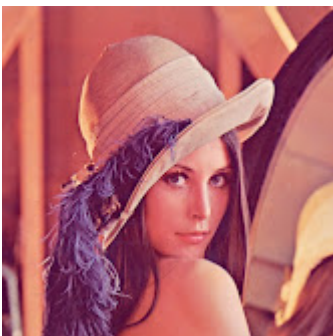
Demonstration: March 17, 2022

Thank you
Kiruthika

2 attachments

IMG_1114.jpg
69K

IMG_1115.jpg
81K