Digital Image Processing

Lab Assignment – 6

1. Two images **'1a.gif'** and **'1b.gif'** are of the same size. Write code to calculate their **Fourier transforms**. Display your results through appropriate means.

2. After getting the Fourier transforms, swap their respective **magnitudes** and **phases**. For your output image, take the inverse Fourier transform of **1a's phase** and **1b's magnitude**, and the inverse Fourier transform of **1b's phase** and the **1a's magnitude**.