IIVP632/IIVP240

Lab Assignment-1

Octave/MATLAB

Date-16/01/2018

Time-1 Hr

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1. Read the image 'cameraman.tif'. Show the image in the figure window, and write the same image at a specific location with a specific format.

2. Convert the read image into other data formats i.e. int8 (1 byte), char (2 byte), uint16 (2 byte), int16 (2 byte), single (4 byte), double (8 byte), and show the resulting images in grayscale in single figure window.

3. Access the rows from 25 to 50 of the given image and show the accessed part.

4. Using 'for loop' access the column nos. from 15 to 60 of rows 8 to 30 of the given image and display the same.

5. Write a program using for loop to implement checker box. The size of the box will be given by the user.