



Estd: 1947

Walchand College Of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli, 416415

EXPERIMENT-3

Academic Year: 2021-22

Semester: 6th

Course: Digital Image Processing Lab

Course Code: 5EN374

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Batch: EN-1

Performed on: 19/01/2022

TITLE OF EXPERIMENT: Study of image enhancement using MATLAB.

AIM: To enhance the given image using MATLAB.

PROGRAM:

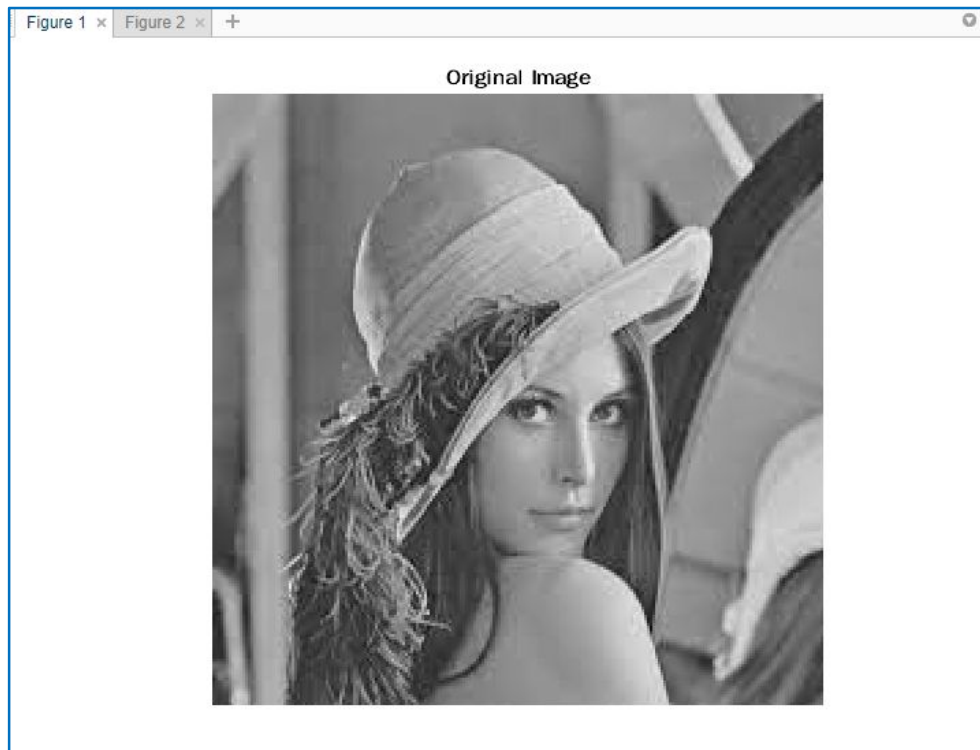
```
clc;
clear all;
close all;

a = imread('lena.jpg');
b = a-80;

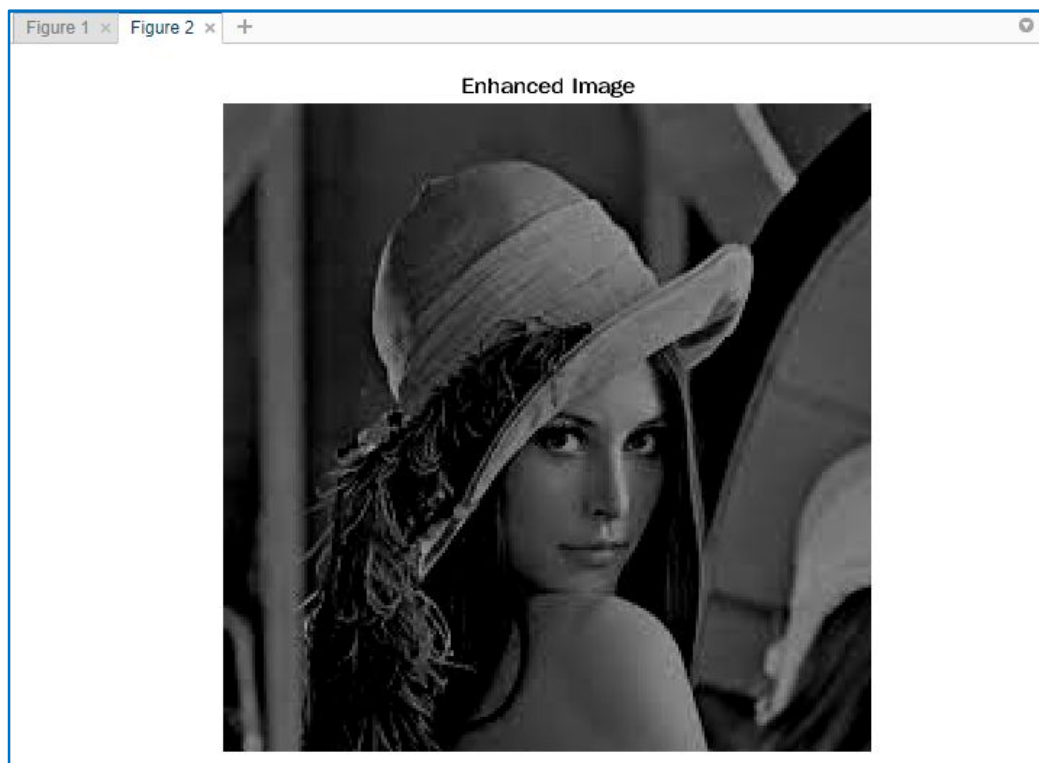
figure,
imshow(a),title('Original Image')
figure,
imshow(b),title('Enhanced Image');

imfinfo('lena.gif')
```

INPUT: (Image)



OUTPUT: (Image)



Command Window

ans =

struct with fields:

```
    Filename: '/MATLAB Drive/Digital Image Processing/EXP03/lena.gif'  
    FileModDate: '15-Feb-2022 11:37:27'  
    FileSize: 264598  
    Format: 'GIF'  
    FormatVersion: '87a'  
    Left: 1  
    Top: 1  
    Width: 512  
    Height: 512  
    BitDepth: 8  
    ColorType: 'indexed'  
    FormatSignature: 'GIF87a'  
    BackgroundColor: 1  
    AspectRatio: 0  
    ColorTable: [256x3 double]  
    Interlaced: 'no'
```