



Estd: 1947

Walchand College Of Engineering

(Government Aided Autonomous Institute)

Vishrambag, Sangli, 416415

EXPERIMENT- 09

Academic Year: 2021-22

Semester: 6th

Course: Digital Image Processing Lab

Course Code: 5EN374

Name: Durvesh Naresh Patil

Roll No. 2019BTEEN00035

Batch: EN-1

Performed on: 09/02/2022

TITLE OF EXPERIMENT: Study of thresholding of an image using MATLAB.

AIM: To study thresholding of an image using MATLAB.

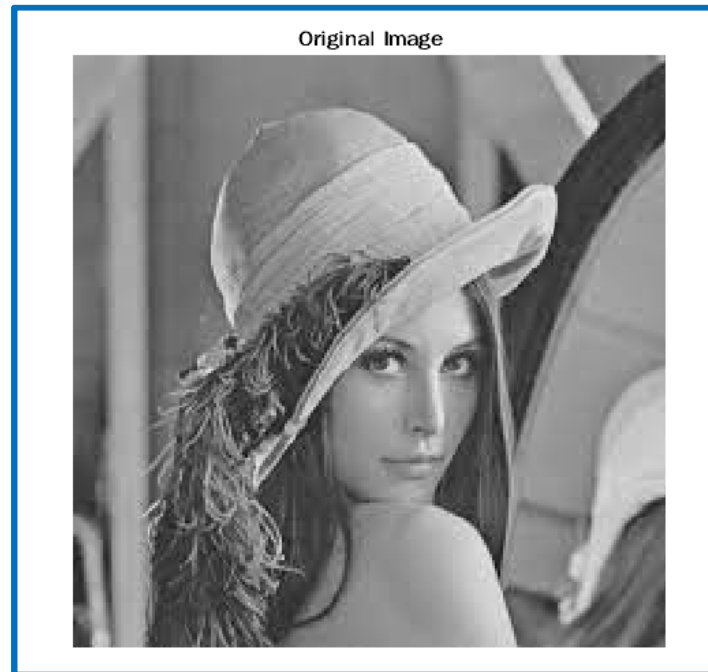
PROGRAM:

```
clc;
clear all;
close all;
w=imread('lena.jpg');

[m,n] = size(w);
t=input('Enter Threshold parameter:');
for i=1:m
    for j=1:n
        if w(i,j)<t
            b(i,j)=0;
        else
            b(i,j)=255;
        end
    end
end

figure,imshow(w),title('Original Image'),
figure,imshow(b),title('Threshold Image'),
```

INPUT: (Image)



OUTPUT: (Image)

