

EXPERIMENT-5

AIM:

Write a program to convert grey scale image to binary image.

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___ roll no-cse 047 ___

CODE

```
close all;
clear all;
clc;
%read an image
org_image=imread('C:\Users\AKASH DEEP DAS\Downloads\image (1).jpg');
[row col]=size(org_image);
%set a threshold value
t=140;
for i=1:1:row
    for j=1:1:col
        if org_image(i,j)<t
            binary_image(i,j)=0;
        else
            binary_image(i,j)=1;
        end
    end
end
subplot(1,2,1),imshow(org_image),title('Original Image'),
subplot(1,2,2),imshow(binary_image),title('Binary Image')
```

OUTPUT

Original Image



Binary Image

