

EXPERIMENT-3

AIM:

```
% _ Read an image and perform:  
% i. Brightness Enhancement  
% ii. Brightness Supression  
% Plot the histogram._
```

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___ roll no-cse 047 ___

CODE

```
close all;  
clear all;  
clc;  
%read image  
org_image=imread('C:\Users\AKASH DEEP DAS\Downloads\dipimage.jpg');  
  
%increase the brightness  
bright_enhance_image=org_image+50;  
%supress the brightness  
bright_supress_image=org_image-50;  
  
subplot(2,3,1),imshow(org_image),title('original image'),  
subplot(2,3,2),imshow(bright_enhance_image),title('brightness enhanced'),  
subplot(2,3,3),imshow(bright_supress_image),title('bright suppressed'),  
subplot(2,3,4),imhist(org_image),title('histogram of original image'),  
subplot(2,3,5),imhist(bright_enhance_image),title('histogram of enhanced image'),  
subplot(2,3,6),imhist(bright_supress_image),title('histogram of suppressed iamge')
```

OUTPUT

