**Assignment -3**

Problem : Perform Arithmetic Opertaion on two images.

Code

% perform arithmetic operations on two images

img\_1=imread('C:\\tut\\img\_1.jpg');

img\_2=imread('C:\\tut\\img\_2.png');

% Resize Images

img\_1=imresize(img\_1,[460,750]);

img\_2=imresize(img\_2,[460,750]);

% Addition Of Image

img\_add=img\_1+img\_2;

subplot(2,3,1);

imshow(img\_add);

% Subtraction Of Image

img\_sub=abs(img\_1-img\_2);

subplot(2,3,2);

imshow(img\_sub);

% Multiplication Of Image

img\_mul=img\_1.\*img\_2;

subplot(2,3,3);

imshow(img\_mul);

% Division Of Image

img\_div=img\_1./img\_2;

subplot(2,3,4);

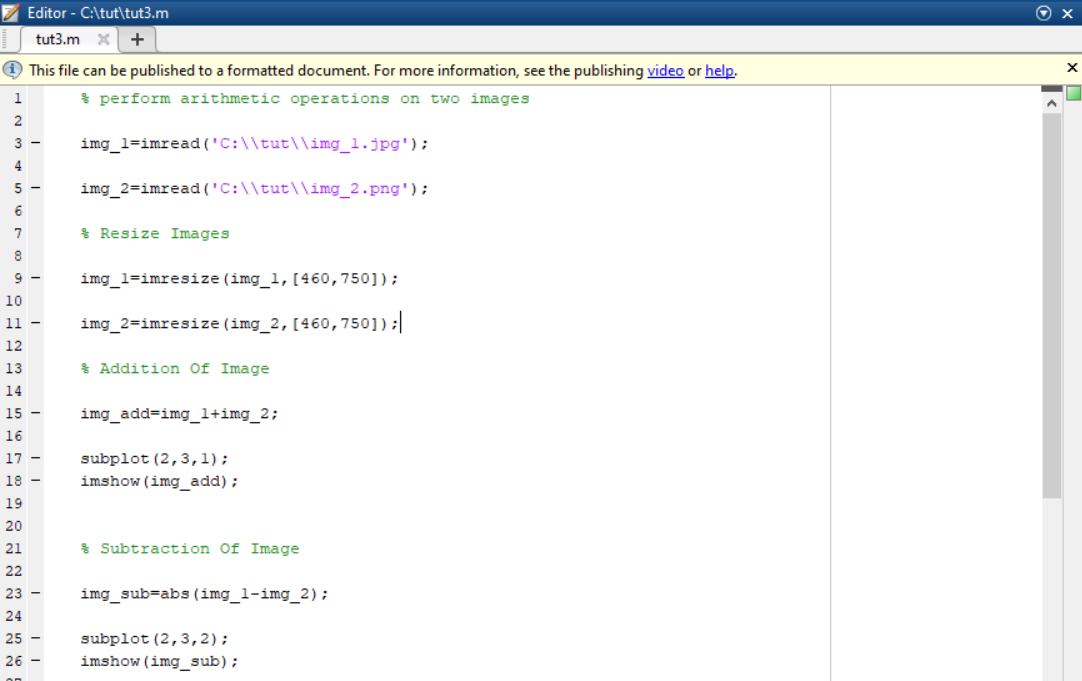
imshow(img\_div);

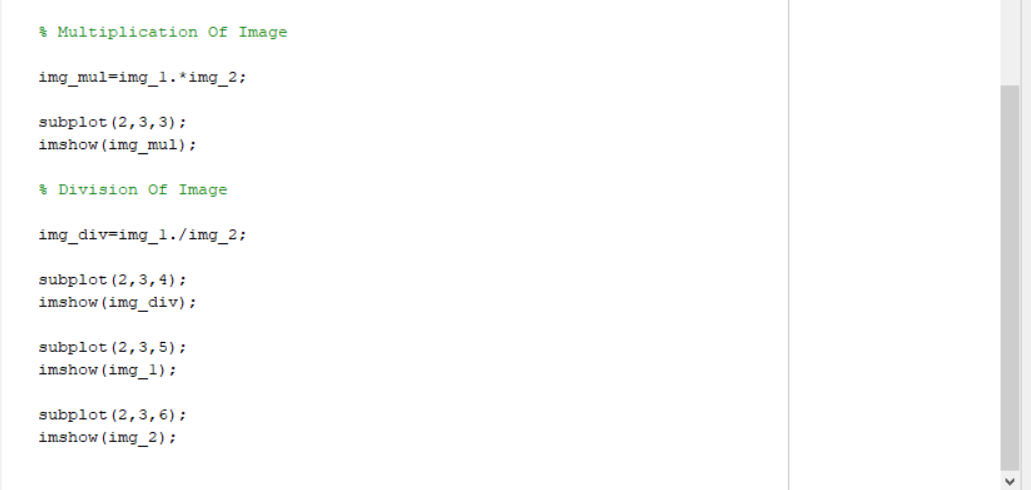
subplot(2,3,5);

imshow(img\_1);

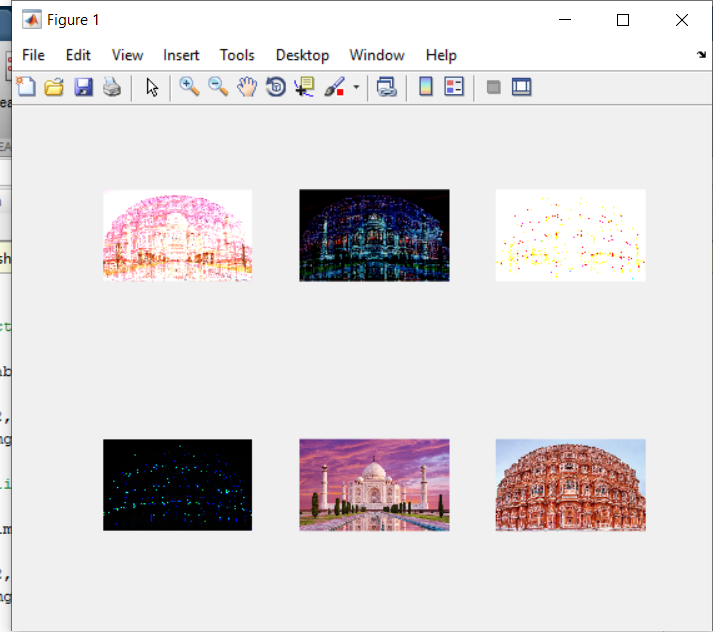
subplot(2,3,6);

imshow(img\_2);



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**Result**

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