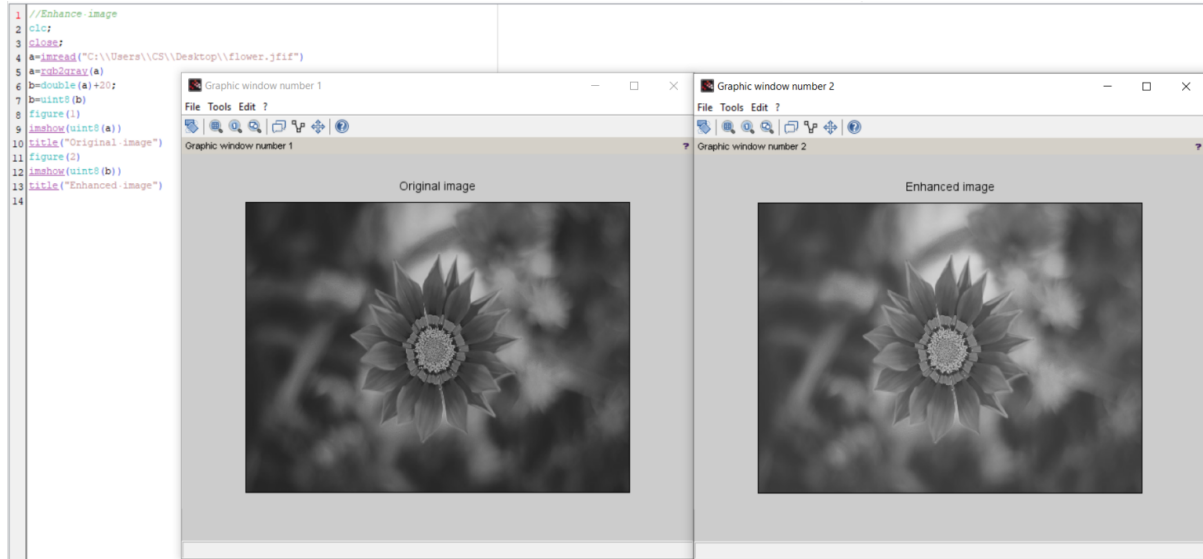


SEM-6-PRACTICALS-DIGITAL IMAGE PROCESSING**Brightness enhancement of an image, Contrast Manipulation, image negative.****A. Brightness enhancement of an image****Code:**

```
//Enhance image
clc;
close;
a=imread("C:\\Users\\Cs\\Desktop\\prettyflowers18.jpg")
a=rgb2gray(a)
b=double(a)+20;
b=uint8(b)
figure(1)
imshow(uint8(a))
title("Original image")
figure(2)
imshow(uint8(b))
title("Enhanced image")
```

Output:-



B. Brightness suppression of an image.

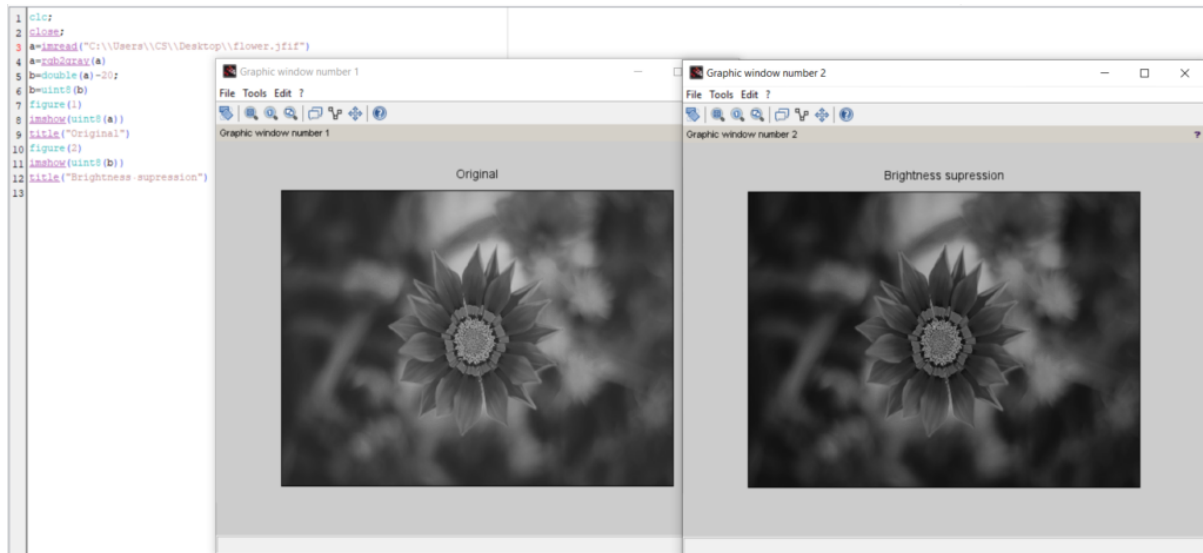
Code:

```

clc;
close;
a=imread("C:\\Users\\Cs\\Desktop\\prettyflowers18.jpg")
a=rgb2gray(a)
b=double(a)-20;
b=uint8(b)
figure(1)
imshow(uint8(a))
title("Original")
figure(2)
imshow(uint8(b))
title("Brightness suppression")

```

Output:-



C. Contrast Manipulation image.

Code:

```
//Constrast manupulation
clc;
close;
a=imread("C:\\Users\\Cs\\Desktop\\prettyflowers18.jpg")
a=rgb2gray(a)
b=double(a)*0.5
b=uint8(b)
c=double(a)*2
c=uint8(c)
figure(1)
imshow(uint8(a))
title("Original image")
figure(2)
imshow(uint8(b))
title("Decreasing constrast")
figure(3)
imshow(uint8(c))
title("Increasing Constrast")
```

Output:-

D. image negative.

Code:

```
//Negative image
clc;
close;
a=imread("C:\\Users\\Cs\\Desktop\\prettyflowers18.jpg")
b=255-double(a)
b=uint8(b)
figure(1)
imshow(uint8(a))
title("Original image")
figure(2)
imshow(uint8(b))
title("Negative image")
```

Output:-

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Great Quotes

-> "The best way to predict the future is to create it."

-> To err is human, but to really foul things up you need a computer.

-> "Imagination is more important than knowledge."

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