Power transformation

```
%power transformation formula is s = c r^y;
%here c and y are gamma constants of the image and r is the image itself
clc;
clear all;
r = imread('C:\Users\ASWATH\Desktop\github\bear1.jpg');
r1 = im2double(r);
gray = rgb2gray(r1);
[rowi,coli]=size(gray);
gamma=0.5;
c=1.5;
s=c*(gray.^gamma);
subplot(2,2,1), imshow(r),axis on, title('original image')
subplot(2,2,2), imshow(gray),axis on, title('grayscale image')
subplot(2,2,4), imshow(s),axis on, title('normalized image')
```