```matlab
close all;
clear all;
s=imread('trees.tif');
imshow(s),title('original image');
%disp(s);
figure, imhist(s),title('histogram plot of an image');
I = histeq(s);
figure, imhist(I),title('histogram of an equalised image');
I1=im2bw(I);
figure, imshow(I1),title('binary image');
I2=double(I);
I3=surf(I2),title('surface plot of histogram equalised image');
```