
```
clc;
clear all;
close all;

Amplitude = randi([255],8,8);
display(Amplitude);

I=imread("kohli.jpg");
imshow(I);
figure
Ig=rgb2gray(I);
imshow(Ig);

I_red=imread("kohli.jpg");
I_red(:,:,2)=0;
I_red(:,:,3)=0;
figure
imshow(I_red);

Ib=Ig>100;
figure
imshow(Ib);

Amplitude =
228   208     90    98   146    43    59    28
245     63   212   145   120   154   233   246
140   237   150    20     4    68    39     2
  36    90   141    14    86   167   211   198
   39    51   234   136    42   176   138   209
   66    65    73   199   203   191   255   222
  215   158   194   239    80   115    20    22
   65   121   193    34   135    22   113   102
```





