```
clc
close all
clear all
% Matrix Genration  %
I = uint8(rand(8,8) * 255);
disp(I) ;
imshow(I) ;

% Image to Gray Scle %
Image  = imread('Image.jpg');
imshow(Image);
figure();
Image_Gray = rgb2gray(Image) ;
imshow(Image_Gray);

% Image to Red
Image_Red = Image ;
figure();
Image_Red(:,:,2) = 0;
Image_Red(:,:,3) = 0;
imshow(Image_Red);
% Image in Black and White %
B_W = Image_Gray > 50 ;
uint8(B_W) ;
figure();
imshow(B_W);
```

```
   237   198   115   226   210   253    28   203
   110   119   205   123   150    97    34    76
   156   158   172   123   251   253   149   152
   175   175    67   232    64    67   131   213
   203    42     4    80   191   166   162    22
   221    69   159    71    79   183   233   150
   113   129   172   220     5   183    91   202
   183    53   102   216    70   188   109    14
```


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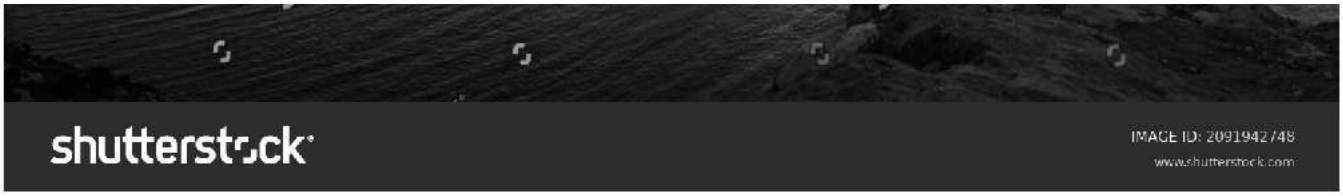
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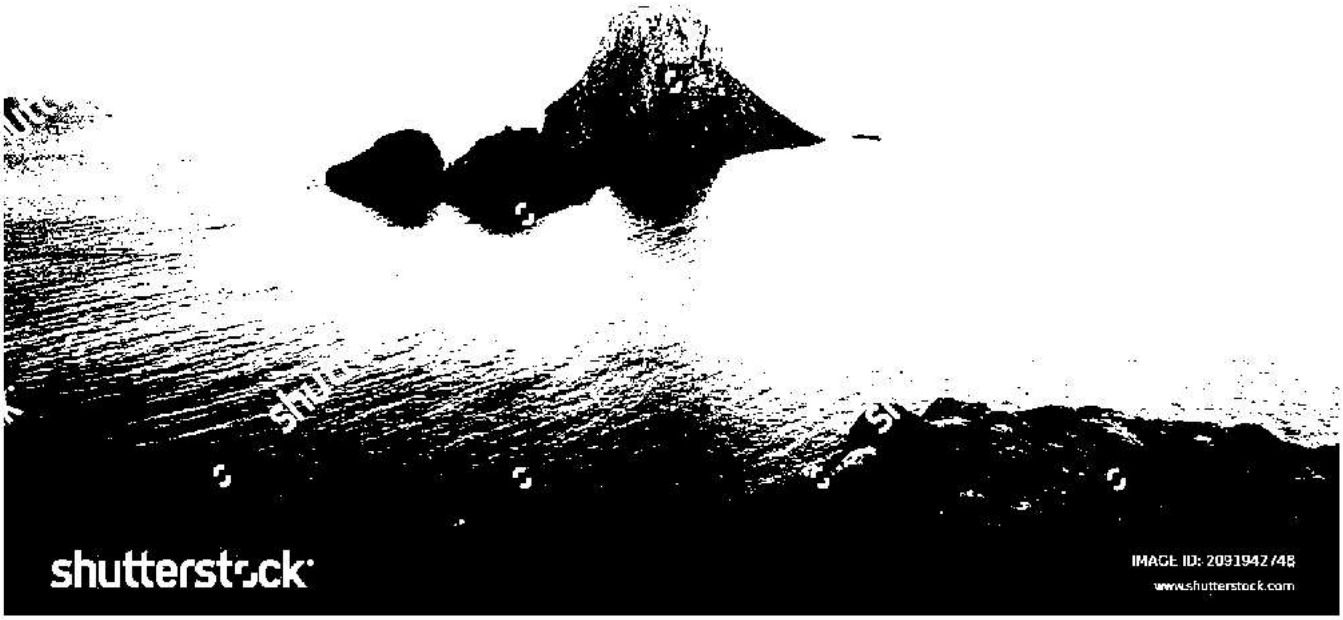

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