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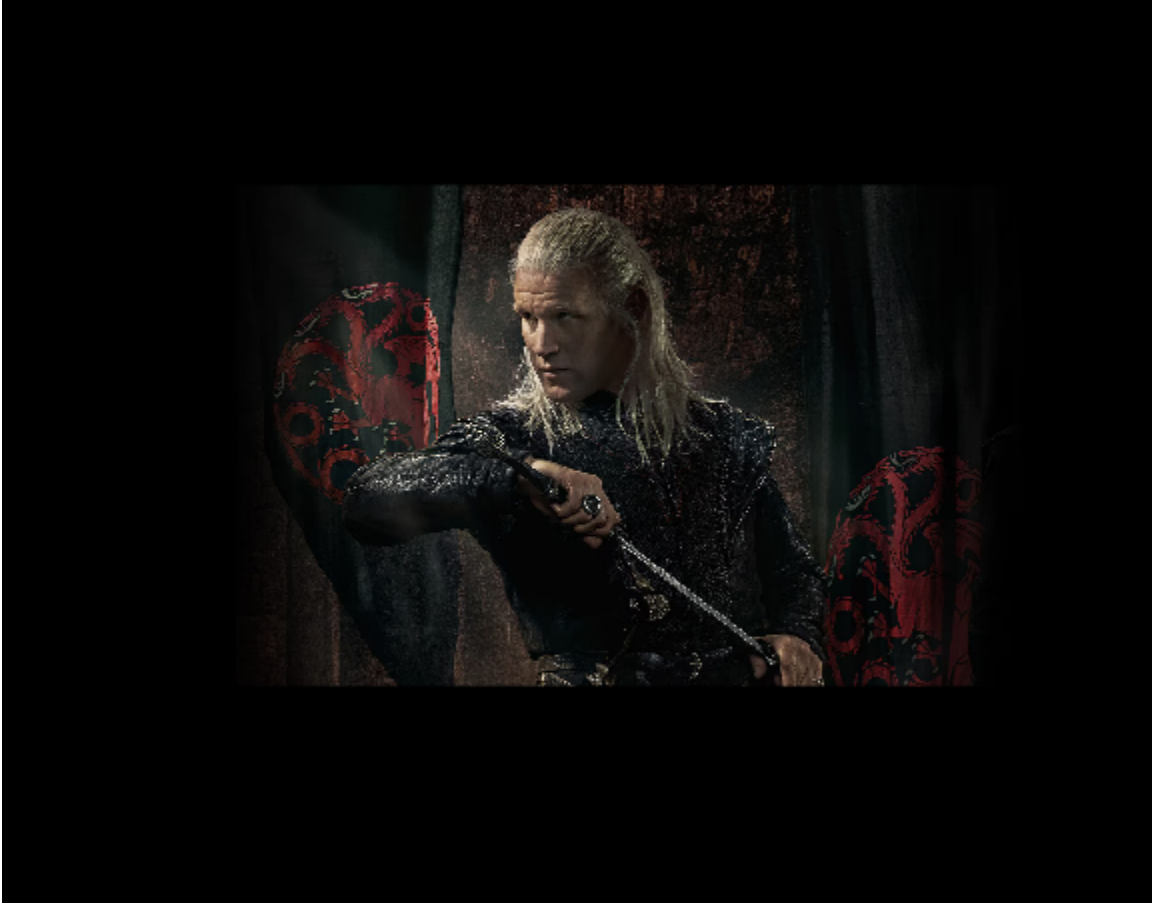
```

%Fundamental Oeperation for Image Processing in MATLAB
%Date: 18/01/2026
clc;
clear all;
close all;
%Basic Operations that clear the command window and closes the figure
>window
B= randi([0,255],8,8);
display(B);
%to create a 8*8 matrix with random numbers ranging between 0 and 255
I=imread("Daemon.jpg");
figure
imshow(I);
%Uploading the basic input image
figure %for opening seperate window for each image
Ig=rgb2gray(I); %keyword to convert image to grayscale
imshow(Ig);
%grayscale image shown
I_red=imread("Daemon.jpg");
I_red(:,:,2)=0; %making the pixels of green channel zero
I_red(:,:,3)=0; %making the pixels of blue channel zero
figure
imshow(I_red);
%the image is converted to red channel only
%to make it blue or green set the other two respective colour pixels to
%zero
Ib=Ig>100;
figure
imshow(Ib);
%the above logical expression sets the value of pixels above 100 to 1 and
%below that to 0 to convert the image to black and white.

```

*B* =

11	174	210	96	196	51	28	217
193	180	110	55	42	104	34	143
62	113	227	202	220	191	173	237
113	5	100	243	253	211	126	178
176	84	196	83	131	202	48	149
91	108	101	171	226	81	126	208
188	69	206	112	150	136	37	225
101	50	193	213	39	23	14	253









*Published with MATLAB® R2025b*