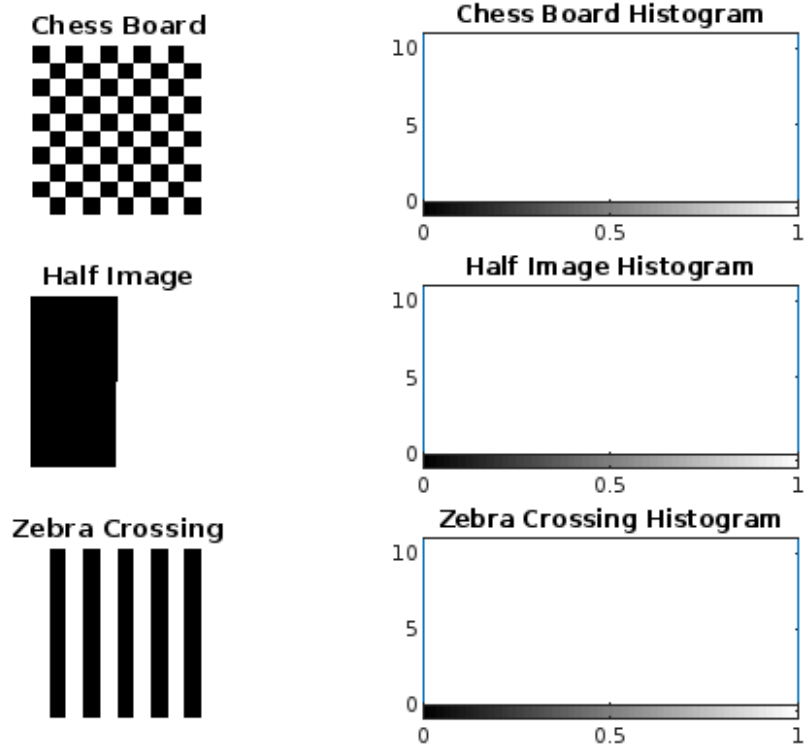

```
% Chess Board
A = zeros([10 10]);
for i=1:1:10
    for j=1:1:10
        if(mod(i+j,2)==0)
            A(i,j)=0;
        else
            A(i,j)=255;
        end
    end
end
subplot(3,2,1);
imshow(A);
title('Chess Board');

subplot(3,2,2);
imhist(A);
title('Chess Board Histogram');
% B&W
B=zeros([10 10]);
for i=1:1:10
    for j=1:1:10
        if(j<=5)
            B(i,j)=0;
        else
            B(i,j)=255;
        end
    end
end
subplot(3,2,3);
imshow(B);
title('Half Image');

subplot(3,2,4);
imhist(B);
title('Half Image Histogram');
% Zebra Crossing
C=zeros([10 10]);
for i=1:1:10
    for j=1:1:10
        if(mod(j,2)==0)
            C(i,j)=0;
        else
            C(i,j)=255;
        end
    end
end
subplot(3,2,5);
imshow(C);
title('Zebra Crossing');

subplot(3,2,6);
```

```
imhist(C);  
title('Zebra Crossing Histogram');
```



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