Code:

```
i=imread("bunny.jpg");
subplot(5,4,1);
imshow(i);
subplot(5,4,2);
imhist(i);
b=histeq(i);
subplot(5,4,3);
imshow(b);
subplot(5,4,4);
imhist(b);

j=imresize(imread("elephant.jpg"),[1500 1500]);
subplot(5,4,5);
imshow(j);
subplot(5,4,6);
imhist(j);
c=histeq(j);
subplot(5,4,7);
imshow(c);
subplot(5,4,8);
imhist(c);

l=imresize(imread("fox.jpg"),[1500 1500]);
subplot(5,4,9);
imshow(l);
subplot(5,4,10);
imhist(l);
d=histeq(l);
subplot(5,4,11);
imshow(d);
subplot(5,4,12);
imhist(d);

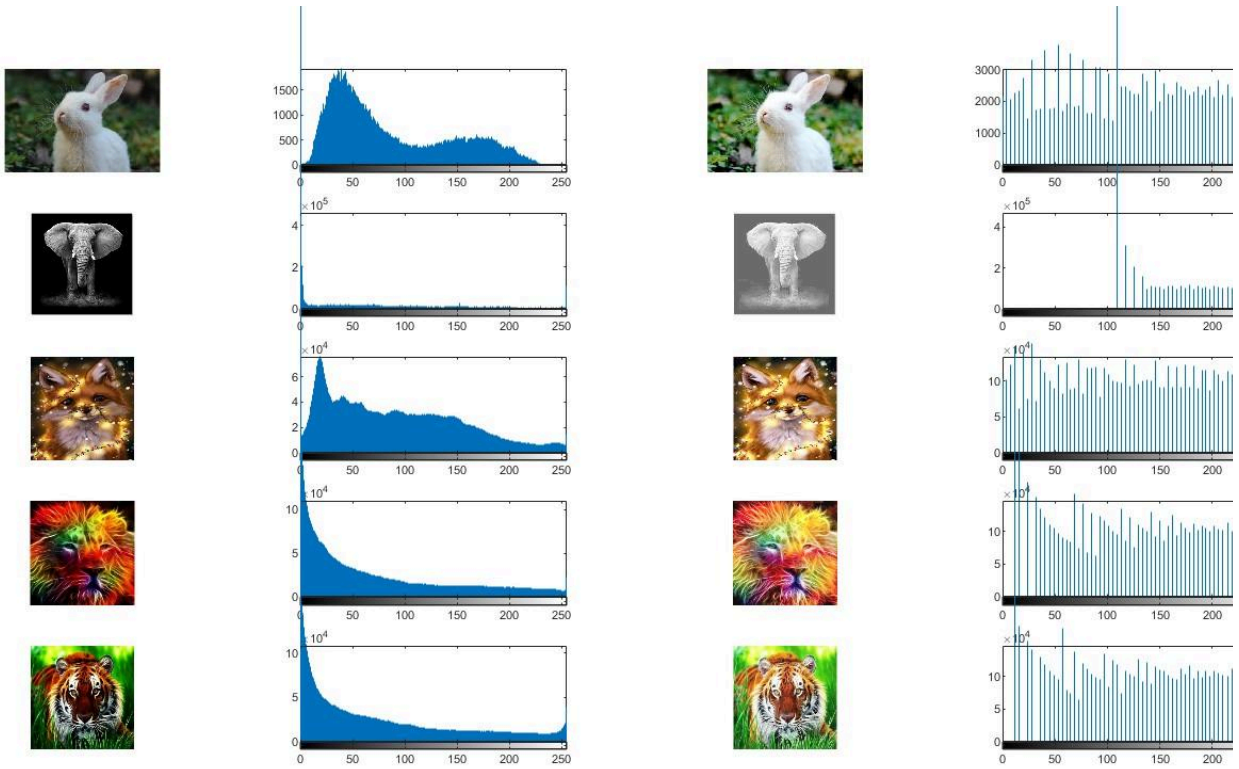
m=imresize(imread("lion.jpg"),[1500 1500]);
subplot(5,4,13);
imshow(m);
subplot(5,4,14);
imhist(m);
e=histeq(m);
subplot(5,4,15);
imshow(e);
subplot(5,4,16);
imhist(e);

n=imresize(imread("tiger2.jpg"),[1500 1500]);
subplot(5,4,17);
imshow(n);
```

```
subplot(5,4,18);
imhist(n);
f=histeq(n);
subplot(5,4,19);
imshow(f);
subplot(5,4,20);
imhist(f);

imds = imageDatastore("imgset\")
fullFileNames = vertcat(imds.Files)
for k = 1 : length(fullFileNames)
  [folder, baseFileNameNoExt, ext] = fileparts(fullFileNames{k});
  baseFileNameWithExt = [ baseFileNameNoExt, ext];
  fprintf('Base file name #%d = %s\n', k, baseFileNameWithExt);
end
```

Output:



```
Base file name #1 = bunny.jpg
Base file name #2 = dog.jpg
Base file name #3 = elephant.jpg
Base file name #4 = film.png
Base file name #5 = fox.jpg
Base file name #6 = lion.jpg
Base file name #7 = meerkat.jpg
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Base file name #8 = orangutan.jpeg
Base file name #9 = panda.jpg
Base file name #10 = panda2.jpg
Base file name #11 = panda3.jpg
Base file name #12 = quokka.jpg
Base file name #13 = tiger.jpg
Base file name #14 = tiger2.jpg
Base file name #15 = wolf.jpg
Base file name #16 = wolf2.jpg
Base file name #17 = zebra.jpg