

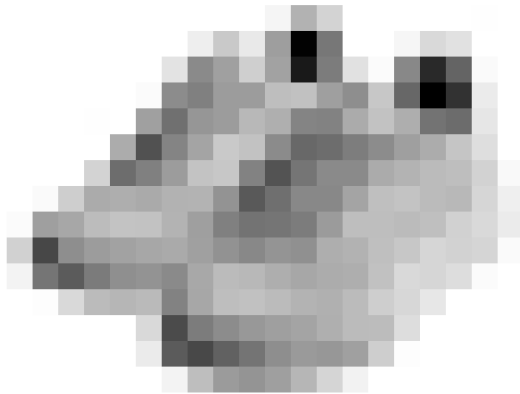
```
image = imread('/MATLAB Drive/Q5_1_Input.jpg');  
grayImage = rgb2gray(image);  
figure;  
imshow(grayImage,[]);  
title('gray Image');
```

gray Image



```
resizeImage = imresize(grayImage,1/8);  
gray32Image = imresize(resizeImage,8,'nearest');  
figure;  
imshow(gray32Image,[]);  
title('Quantized to 32 Image levels using');
```

Quantized to 32 Image levels using



1. Read and Convert to Grayscale
2. Resize the Image (1/8)
3. Quantize the Grayscale Levels (8)