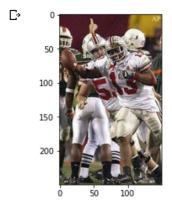
1.

```
[3] import skimage
from skimage import io
import numpy as np
import matplotlib.pyplot as plt
```

```
grayIm = io.imread("buckeyes_gray.bmp")
plt.imshow(grayIm, cmap='gray')
plt.axis("image")
io.imsave("buckeyes_gray.jpg", grayIm)
```

```
50 100 150 100
```

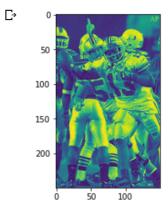
```
rgbIm = io.imread("buckeyes_rgb.bmp")
plt.imshow(rgbIm)
plt.axis("image")
io.imsave("buckeyes_rgb.jpg", rgbIm)
```



For question 1, I directly use the code given to us.

2.

```
grayIm = skimage.color.rgb2gray(rgbIm)
plt.imshow(grayIm)
plt.axis("image")
grayIm= skimage.img_as_ubyte(grayIm)
io.imsave("buckeyes_gray2.jpg", grayIm)
```



For question 2, I first use the code from the HW description, then, I display the image and convert the from float64 to type unite8 to save it without warning.

For question 3, I directly use the code given to us.