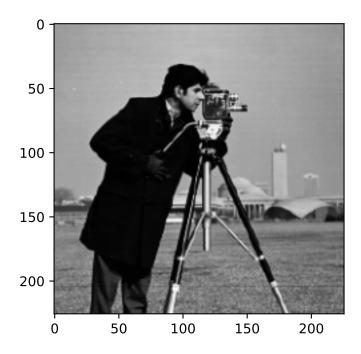
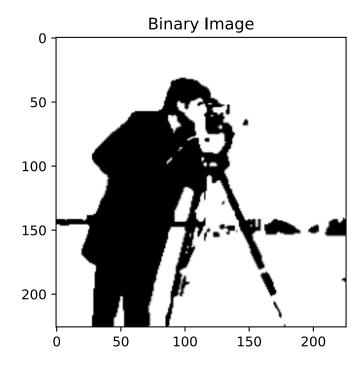
```
In [1]: import matplotlib.pyplot as plt
import cv2
import numpy as np
```

```
In [2]: img = cv2.imread('camera.png',0)
    # img=cv2.resize(img,(512,512))
    # fig=plt.figure(figsize=(15,15))
    # ax=fig.add_subplot(111)
    plt.imshow(img,'gray')
    print(img)
```

```
[[158 155 158 ... 154 153 151]
[157 158 157 ... 155 155 154]
[155 159 159 ... 150 152 153]
...
[110 92 110 ... 79 99 102]
[124 117 87 ... 115 104 132]
[123 99 89 ... 139 151 135]]
```



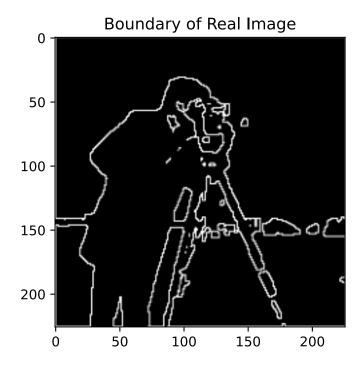
Out[3]: <matplotlib.image.AxesImage at 0x130fa298>



```
In [5]: struc_ele=np.array([[255,255,255],[255,255],[255,255],[255,255]])
    erosion_result=np.zeros(img.shape,'uint16')
    new_img=np.zeros(img.shape,'uint16')
    erosion_result=erosion(blackAndWhiteImage,struc_ele)
    for i in range(img.shape[0]):
        for j in range(img.shape[1]):
            new_img[i][j]=blackAndWhiteImage[i][j]-erosion_result[i][j]

plt.title('Boundary of Real Image')
    plt.imshow(new_img,'gray')
```

Out[5]: <matplotlib.image.AxesImage at 0x1470bf88>



```
In [ ]:
```