


```

    bitList = [int(i[bitImgVal]) for i in img1D]
    return bitList
eightbitimg = np.array(bitplane(0, imgIn1D)) * 128 #2^(n-1)
sevenbitimg = np.array(bitplane(1,imgIn1D)) * 64

```

```

eight = np.reshape(eightbitimg,(row,col))
seven = np.reshape(sevenbitimg,(row,col))

```

```

plt.subplot(241),plt.imshow(eight),plt.title("eight")
plt.subplot(242),plt.imshow(seven),plt.title("seven")

```

```

(<matplotlib.axes._subplots.AxesSubplot at 0x7f2ed433d358>,
 <matplotlib.image.AxesImage at 0x7f2ed430d048>,
 Text(0.5, 1.0, 'seven'))

```

