


Task1(code):

Task 1

```
[ ] 1 import PIL.Image
    2 import matplotlib.pyplot as plt
    3 import numpy as np
    4 import cv2

[ ] 1 Letter_S = np.array( [[255, 0, 0, 0, 255,255, 255, 0, 255, 0, 0, 0, 255, 0, 0, 0, 255],
    2                       [255, 0, 0, 0, 0, 255, 255, 0, 255, 0, 255, 255, 255, 0, 255, 0, 255],
    3                       [255, 0, 255, 0, 0, 0, 255, 0, 255, 0, 0, 0, 255, 0, 0, 0, 255],
    4                       [255, 0, 255, 255, 0, 0, 0, 0, 255, 0, 255, 0, 255, 0, 255, 0, 255],
    5                       [255, 0, 255, 255, 255, 0, 0, 0, 255, 0, 0, 0, 255, 0, 0, 0, 255]])
    6
    7 plt.imshow(Letter_S,cmap='gray')
```

Task1(Output):

 <matplotlib.image.AxesImage at 0x7be064ea8460>

