Dilate2

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

In [33]: image = np.random.random([32,32]);
         image

Out[33]: array([[0.46570286, 0.79584972, 0.02978573, ..., 0.58487316, 0.43594137,
                 0.22396052],
                [0.71503602, 0.07419428, 0.93147118, ..., 0.11390568, 0.95423071,
                 0.4659087 ],
                [0.75344242, 0.36497538, 0.28997613, ..., 0.29826404, 0.47365456,
                 0.45619154],
                ...,
                [0.3445533 , 0.77947233, 0.81668599, ..., 0.24076798, 0.46687302,
                 0.88092583],
                [0.31732392, 0.77372672, 0.75755295, ..., 0.92053788, 0.24122868,
                 0.16675833],
                [0.48396346, 0.719504  , 0.96172948, ..., 0.34457955, 0.33502956,
                 0.35334153]])

In [34]: image = np.floor(image+0.5)

In [35]: plt.imshow(image,cmap='gray')

Out[35]: <matplotlib.image.AxesImage at 0x1268275f8>
```
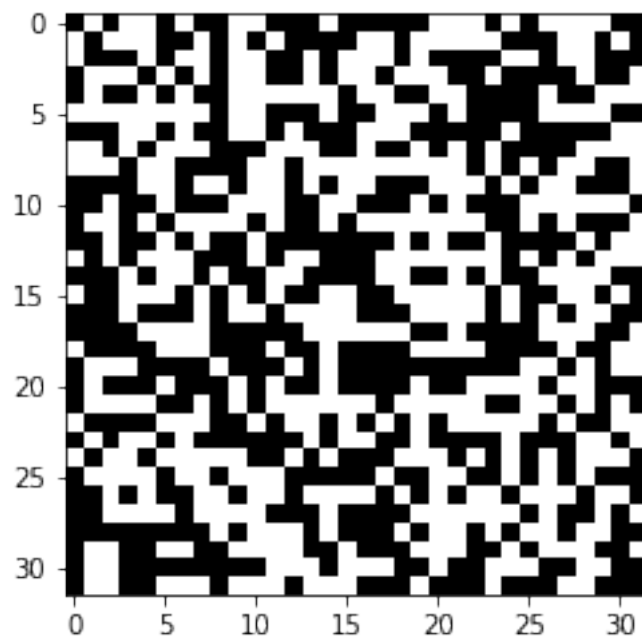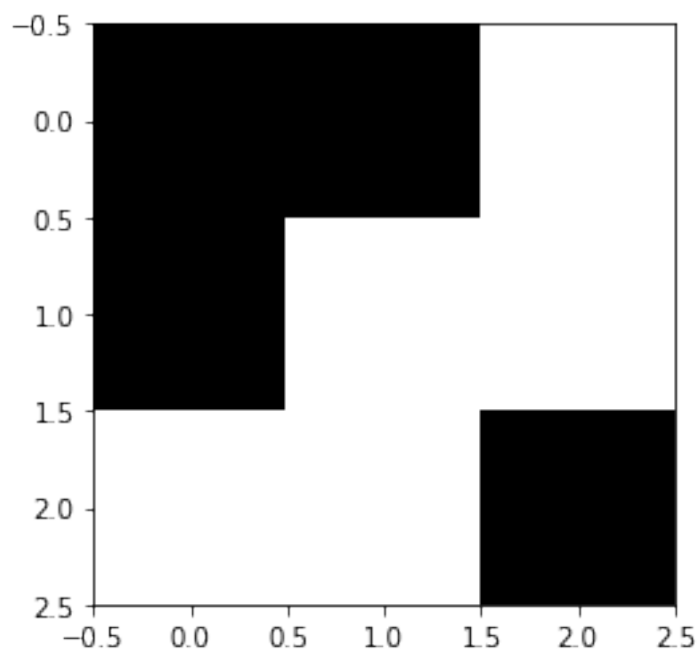
```
In [36]: str_ele = np.floor(np.random.random([3,3])+0.5)

In [38]: plt.imshow(str_ele,cmap='gray')

Out[38]: <matplotlib.image.AxesImage at 0x126977cf8>
```
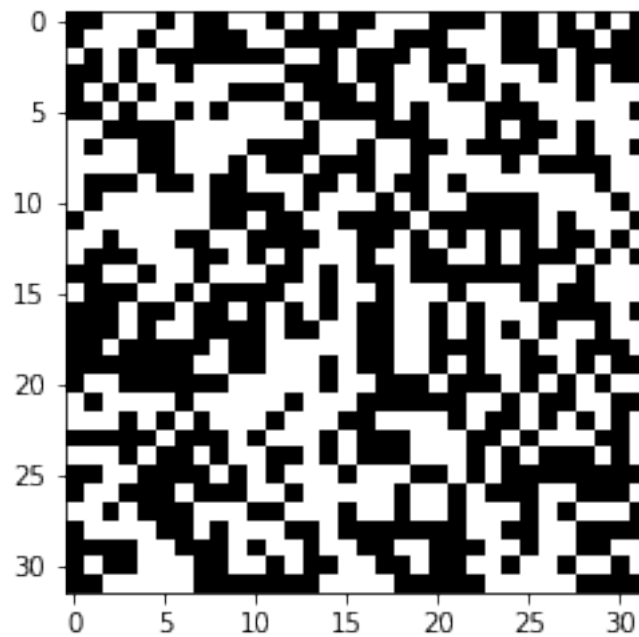
```
In [41]: final_image = np.floor((np.random.random([32,32])+0.5))

In [43]: plt.imshow(final_image,cmap='gray')

Out[43]: <matplotlib.image.AxesImage at 0x126c7b710>
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In [44]: final_image

Out[44]: array([[0., 0., 1., ..., 0., 1., 0.],
               [0., 1., 1., ..., 1., 0., 0.],
               [1., 0., 1., ..., 0., 0., 0.],
               ...,
               [0., 0., 0., ..., 0., 1., 1.],
               [0., 1., 0., ..., 1., 0., 1.],
               [0., 0., 1., ..., 0., 0., 0.]])

In [65]: binr = '{0:08b}'.format(6);binr

Out[65]: '00000110'

In [ ]:
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