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In [3]: import numpy as np
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In [10]: matrix=np.ones((5,5))
print(matrix)
inner_matrix=np.zeros((3,3))
print(inner_matrix)
in_inner_value=np.full((1,1),9)
print(in_inner_value)
inner_matrix[1,1]=in_inner_value
matrix[1:4,1:4]=inner_matrix
print(matrix)
```

```
[[1.  1.  1.  1.  1.]
 [1.  1.  1.  1.  1.]
 [1.  1.  1.  1.  1.]
 [1.  1.  1.  1.  1.]
 [1.  1.  1.  1.  1.]]
[[0.  0.  0.]
 [0.  0.  0.]
 [0.  0.  0.]]
[[9]]
[[1.  1.  1.  1.  1.]
 [1.  0.  0.  0.  1.]
 [1.  0.  9.  0.  1.]
 [1.  0.  0.  0.  1.]
 [1.  1.  1.  1.  1.]]
```

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In [ ]:
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