

Numpy

- description : numpy
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Numpy

[Google_Colab](#)

```
[1] 1 import numpy as np

[12] 1 # 0 차원
     2 a = np.array(1)
     3 print(a.shape, a.ndim)

↳ (,) 0

[13] 1 # 1 차원
     2 a = np.array([1])
     3 print(a.shape, a.ndim)

↳ (1,) 1

[16] 1 # 2 차원
     2 a = np.array([[1, 2, 3], [1, 2, 3], [1, 2, 3]])
     3 print(a.shape, a.ndim)

↳ (3, 3) 2

[19] 1 # 2 차원
     2 a = np.array([[1]])
     3 print(a.shape, a.ndim)

↳ (1, 1) 2

▶ 1 # 3 차원
   2 a = np.array([[[1, 2], [1, 2], [1, 2]], [[1, 2], [1, 2], [1, 2]]])
   3 print(a.shape, a.ndim)

↳ (2, 3, 2) 3
```

Tip

, [numpy](#)

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