

```
In [1]: import numpy as np
onedarray = np.array([1,2,3])
print(onedarray)

[1 2 3]

In [2]: import numpy as np
onedarray = np.array([1,2,3])
print(onedarray.rim)

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AttributeError                                Traceback (most recent call last)
~\AppData\Local\Temp\ipykernel_11620\474932789.py in <module>
      1 import numpy as np
      2 onedarray = np.array([1,2,3])
----> 3 print(onedarray.rim)

AttributeError: 'numpy.ndarray' object has no attribute 'rim'

In [3]: import numpy as np
onedarray = np.array([1,2,3])
print(onedarray.ndim)

1

In [4]: import numpy as np
twodarray = np.array([[1,2,3],[4,5,6]])
print(twodarray)

[[1 2 3]
 [4 5 6]]

In [5]: import numpy as np
twodarray = np.array([[1,2,3],[4,5,6]])
print(twodarray.ndim)

2

In [6]: import numpy as np
threedarray = np.array([[[1,2,3],[4,5,6],[7,8,9],[6,8,4]]])
print(threedarray)

[[1 2 3]
 [4 5 6]]

In [7]: import numpy as np
threedarray = np.array([[[1,2,3],[4,5,6],[7,8,9],[6,8,4]]])
print(threedarray)

[[1 2 3]
 [4 5 6]
 [7 8 9]
 [6 8 4]]

In [9]: import numpy as np
threedarray = np.array([[[1,2,3],[4,5,6]],[[7,8,9],[6,8,4]]])
print(threedarray.ndim)

3

In [10]: import numpy as np
threedarray = np.array([[[1,2,3],[4,5,6],[7,8,9],[6,8,4]]])
print(threedarray.shape)

(4, 3)

In [12]: import numpy as np
onedarray = [1,2,3,4,5]
for i in onedarray
print(i)

File "C:\Users\User\AppData\Local\Temp\ipykernel_11620\548067700.py", line 3
    for i in onedarray
    ^
SyntaxError: expected ':'

In [13]: import numpy as np
onedarray = [1,2,3,4,5]
for i in onedarray:
    print(i)

1
2
3
4
5

In [14]: import numpy as np
twodarray = np.array([[1,2,3],[4,5,6]])
for in in twodarray
    print(i)

File "C:\Users\User\AppData\Local\Temp\ipykernel_11620\3981124600.py", line 3
    for in in twodarray
    ^
SyntaxError: invalid syntax

In [15]: import numpy as np
twodarray = np.array([[1,2,3],[4,5,6]])
for in twodarray
    print(i)

File "C:\Users\User\AppData\Local\Temp\ipykernel_11620\2599286617.py", line 3
    for in twodarray
    ^
SyntaxError: invalid syntax

In [16]: import numpy as np
twodarray = np.array([[1,2,3],[4,5,6]])
for i in twodarray
    print(i)

File "C:\Users\User\AppData\Local\Temp\ipykernel_11620\2102945900.py", line 3
    for i in twodarray
    ^
SyntaxError: expected ':'

In [17]: import numpy as np
twodarray = np.array([[1,2,3],[4,5,6]])
for in in twodarray:
    print(i)

File "C:\Users\User\AppData\Local\Temp\ipykernel_11620\758409617.py", line 3
    for in in twodarray:
    ^
SyntaxError: invalid syntax

In [18]: import numpy as np
twodarray = np.array([[1,2,3],[4,5,6]])
for i in twodarray:
    print(i)

[1 2 3]
[4 5 6]

In [19]: for i in twodarray:
    for j in i:
        print(j)

1
2
3
4
5
6

In [20]: import numpy as np
threedarray = np.array([[[1,2,3],[4,5,6]],[[7,8,9],[6,8,4]]])
for i in threedarray:
    print(i)

[[1 2 3]
 [4 5 6]]
[[7 8 9]
 [6 8 4]]

In [21]: for i in threedarray:
    for j in i:
        print(j)

File "C:\Users\User\AppData\Local\Temp\ipykernel_11620\3792137103.py", line 3
    print(j)
    ^
IndentationError: expected an indented block after 'for' statement on line 2

In [22]: for i in threedarray:
    for j in i:
        print(j)

[1 2 3]
[4 5 6]
[7 8 9]
[6 8 4]

In [23]: for i in threedarray:
    for j in i:
        for k in j:
            print(k)

1
2
3
4
5
6
7
8
9
6
8
4

In [ ]:
```