```
In [1]: | import numpy as np
 In [2]: b = np.array([1,2,3,4,5,6])
In [3]: print(b)
         [1 2 3 4 5 6]
In [8]: c = np.array([[1,2,3,4,5,6],[7,8,9,3,2,1]])
          print(c)
         [[1 2 3 4 5 6]
          [7 8 9 3 2 1]]
In [9]: m = [[1,2,3,4,5,6],[7,8,9,3,2,1]]
          print(m)
         [[1, 2, 3, 4, 5, 6], [7, 8, 9, 3, 2, 1]]
In [10]: print(type(b))
         <class 'numpy.ndarray'>
In [11]: print(type(m))
         <class 'list'>
In [12]: print(b.ndim)
         2
In [13]: print(b)
         [[1 2 3 4 5 6]
          [7 8 9 3 2 1]]
In [14]: d = np.array([[[1,2,3],[4,5,6]],[[7,8,9],[6,5,4]]])
          print(d)
         [[[1 2 3]
           [4 5 6]]
          [[7 8 9]
           [6 5 4]]]
In [15]: print(d.ndim)
         3
In [16]: | # itemsize() - calculate the byte size of each element
          print(b)
         [[1 2 3 4 5 6]
          [7 8 9 3 2 1]]
In [17]: print(b.itemsize)
In [18]: | # dtype - used to understand the data type of given element
```

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