In [1]:
```
import numpy as np
```

In [7]:
```
arr = np.array([1,3,2,5])
```

In [8]:
```
arr
```

Out[8]:
```
array([1, 3, 2, 5])
```

In [9]:
```
arr.shape
```

Out[9]:
```
(4,)
```

In [10]:
```
arr.ndim
```

Out[10]:
```
1
```

In [11]:
```
type(arr)
```

Out[11]:
```
numpy.ndarray
```

In [13]:
```
arr.size
```

Out[13]:
```
4
```

In [26]:
```
arr = np.array([[1,2,3,4,5],[6,7,8,9,0]])
```

In [27]:
```
arr
```

Out[27]:
```
array([[1, 2, 3, 4, 5],
       [6, 7, 8, 9, 0]])
```

In [23]:
```
arr.ndim
```

Out[23]:
```
2
```

In [28]:
```
arr.shape
```

Out[28]:
```
(2, 5)
```

In [29]:
```
arr.size
```

Out[29]:
```
10
```

In [30]:
```
arr = np.array([[[1,2,3],[4,5,6],[7,8,9]]])
```

In [31]:
```
arr
```

Out[31]:
```
array([[[1, 2, 3],
        [4, 5, 6],
        [7, 8, 9]]])
```

In [32]:
```
arr.shape
```

Out[32]:
```
(1, 3, 3)
```

In [33]:
```
arr = np.array([1,2,'hello'])
```

In [34]:
```
arr
```

Out[34]:
```
array(['1', '2', 'hello'], dtype='<U11')
```

In [35]:
```
arr.dtype
```

Out[35]:
```
dtype('<U11')
```

In [36]:
```
arr.shape
```

Out[36]:
```
(3,)
```

In [37]:
```
arr.size
```

Out[37]:
```
3
```

In [38]:
```
arr.ndim
```

Out[38]:
```
1
```

In [ ]:
```

```