```
In [3]: import numpy as np
         from numpy.random import randn
         np.set printoptions(precision=2)
 In [5]: a = np.array([1,2,3,4,5,6])
 Out[5]: array([1, 2, 3, 4, 5, 6])
 In [8]: b = np.array([[10,20,30],[40,50,60]])
 Out[8]: array([[10, 20, 30],
                [40, 50, 60]])
 In [9]: np.random.seed(25)
         c = 36*np.random.randn(6)
         C
Out[9]: array([ 8.22, 36.97, -30.23, -21.28, -34.45, -8. ])
In [11]: d = np.arange(1,8)
Out[11]: array([1, 2, 3, 4, 5, 6, 7])
In [12]: a*19
Out[12]: array([ 19, 38, 57, 76, 95, 114])
In [13]: c*a
Out[13]: array([
                  8.22, 73.94, -90.68, -85.13, -172.24, -48.02
In [23]: aa = np.array([[1,4,2],[23,2,9],[92,24,5]])
         aa
Out[23]: array([[ 1, 4, 2],
                [23, 2, 9],
                [92, 24, 5]])
In [19]: bb = np.array([[1,4,2],[4,2,9],[22,24,5]])
         bb
Out[19]: array([[ 1, 4, 2],
                [4, 2, 9],
                [22, 24, 5]])
```