In [4]:
```
#Euclidean Distance
import numpy as np
q=np.array([1,2,3])
p=np.array([3,4,5])
d=np.sum((q-p)**2)
print(d)
```

12

In [5]:
```
#Dot product
import numpy as np
a=np.array([5,12])
b=np.array([8,6])
a.dot(b)
```

Out[5]: 112

In [7]:
```
#solving a system of linear equation
import numpy as np
s=np.array([[2,4],[6,8]])
t=np.array([5,6])
np.linalg.solve(s,t)
```

Out[7]: array([-2. ,   2.25])

In [ ]: