In [1]:
```
from sklearn import tree
```

In [9]:
```
x = [[2,0,1], [2,0,0], [4,1,1], [4,0,1]] #입력데이터

y = [1, 2, 0, 0] #class

clf = tree.DecisionTreeClassifier() #함수호출
clf = clf.fit(x,y) #모델 생성
```

In [8]:
```
clf.predict([[2,1,1]])
```

Out[8]:
```
array([1])
```

In [10]:
```
from sklearn import tree

x = [[0,0], [1,1], [1,0]] #입력데이터

y = [0, 1, 0] #class

virusclf = tree.DecisionTreeClassifier() #함수호출
virusclf = virusclf.fit(x,y) #모델 생성
```

In [13]:
```
virusclf.predict([[1,0]])
```

Out[13]:
```
array([0])
```

In [14]:
```
virusclf.predict([[0.7,0.6]])
```

Out[14]:
```
array([1])
```

In [15]:
```
virusclf.predict([[0,1]])
```

Out[15]:
```
array([1])
```

In [ ]:
```

```