In [1]:
```
from sklearn.neighbors import KNeighborsClassifier
from sklearn.datasets import load_iris
from sklearn.model_selection import train_test_split
```

In [2]:
```
data=load_iris()
```

In [3]:
```
x,y=data.data,data.target
x_train,x_test,y_train,y_test=train_test_split(x,y,test_size=2)
```

In [4]:
```
knn=KNeighborsClassifier()
```

In [5]:
```
knn.fit(x_train,y_train)
```

Out[5]:
```
KNeighborsClassifier()
```

In [10]:
```
y_pred=knn.predict(x_test)
print(y_pred)
```

```
[2 0]
```

In [11]:
```
knn.predict_proba(x_test)
```

Out[11]:
```
array([[0., 0., 1.],
       [1., 0., 0.]])
```

In [12]:
```
from sklearn.metrics import accuracy_score
print(accuracy_score(y_test, y_pred))
```

```
1.0
```