```
import pandas as pd
import numpy as np


#Read dataset
dataset=pd.read_csv("kdata.csv")
X=dataset.iloc[:,:-1].values
y=dataset.iloc[:,2].values


#import KNeighborshood Classifier and create object of it
from sklearn.neighbors import KNeighborsClassifier
classifier=KNeighborsClassifier(n_neighbors=3)
classifier.fit(X,y)
```

```
     KNeighborsClassifier(n_neighbors=3)
```

```
#predict the class for the point(6,6)
X_test=np.array([6,2])
y_pred=classifier.predict([X_test])
print ('General KNN:',y_pred)
```

```
     General KNN: ['negative']
```

```
classifier=KNeighborsClassifier(n_neighbors=3,weights='distance')
classifier.fit(X,y)
```

```
     KNeighborsClassifier(n_neighbors=3, weights='distance')
```

```
#predict the class for the point(6,6)
X_test=np.array([6,2])
y_pred=classifier.predict([X_test])
print('Distance Weighted KNN:',y_pred)
```

```
     Distance Weighted KNN: ['positive']
```

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