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from sklearn.neighbors import KNeighborsClassifier

from sklearn.model_selection import train_test_split

from sklearn.datasets import load_iris

# Loading data

irisData = load_iris()

# Create feature and target arrays

X = irisData.data
y = irisData.target

# Split into training and test set

X_train, X_test, y_train, y_test = train_test_split( X, y, test_size = 0.2, random_state=42)

knn = KNeighborsClassifier(n_neighbors=7)

knn.fit(X_train, y_train)

print(knn.predict(X_test))
```

Program:

Output:

