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1.Loading the iris data set

```
In [1]: from sklearn import datasets
    iris=datasets.load_iris()
    X=iris.data
    Y=iris.target
```

2. Spliting dataset to train and test

```
In [20]: from sklearn.model_selection import train_test_split
X_train, X_test, Y_train, Y_test=train_test_split(X,Y,test_size=0.6)
```

3. Decision Tree Classifier

```
In [21]: from sklearn import tree
    from sklearn import metrics
    clf=tree.DecisionTreeClassifier()
    clf=clf.fit(X_train,Y_train)
    Y_pred=clf.predict(X_test)
    print("Accuracy:", metrics.accuracy_score(Y_test,Y_pred))
```

Accuracy: 0.95555555555556

4. Confusion Matrix

5. Random Tree Classifier's confusion matrix