```
import matplotlib.pvplot as plt
# Load dataset (Iris dataset)
iris = datasets.load iris()
# Split data into features and labels
X = iris.data
v = iris.target
# Split data into training and testing sets
X train, X test, y train, y test = train test split(X, y, test size=0.3, random state=42)
# Create Decision Tree Classifier
clf = DecisionTreeClassifier(criterion="entropy", random state=0)
# Train the model
clf.fit(X train, y train)
# Make predictions
y pred = clf.predict(X test)
# Calculate accuracy
accuracy = clf.score(X test, y test)
# Print results
print("Predicted labels:", y pred)
print("Actual labels: ", y test)
print("Accuracy:", accuracy)
# Visualize the Decision Tree
plt.figure(figsize=(10,6))
plot tree(clf, filled=True, feature names=iris.feature names, class names=iris.target names)
plt.show()
```

Import necessary libraries from sklearn import datasets

from sklearn.model selection import train test split

from sklearn.tree import DecisionTreeClassifier, plot tree



