Write a program to implement SVM classifier, compare with decision tree algorithm.

```
import numpy as np
from sklearn import datasets
from sklearn.model_selection import train_test_split
from sklearn.svm import SVC
from sklearn.tree import DecisionTreeClassifier
from sklearn.metrics import accuracy_score

# Load a sample dataset (Iris dataset in this case)
iris = datasets.load_iris()
X = iris.data
y = iris.target

# Split the dataset 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 and train an SVM classifier
svm_classifier = SVC(kernel='linear')
svm_classifier.fit(X_train, y_train)

# Create and train a Decision Tree classifier
dt_classifier = DecisionTreeClassifier()
dt_classifier.fit(X_train, y_train)

# Make predictions with both classifiers
svm_predictions = svm_classifier.predict(X_test)
dt_predictions = dt_classifier.predict(X_test)
```

```
# Calculate accuracy for both classifiers
svm_accuracy = accuracy_score(y_test, svm_predictions)
dt_accuracy = accuracy_score(y_test, dt_predictions)

print("SVM Classifier Accuracy:", svm_accuracy)
print("Decision Tree Classifier Accuracy:", dt_accuracy)
```