In [3]:
```
import matplotlib.pyplot as plt
import numpy as np
from sklearn import svm
import pandas as pd
```

In [4]:
```
df=pd.read_csv("C:\\Users\\User\\Desktop\\IRIS.CSV")
```

In [5]:
```
features=df.iloc[:,:-1].values
label=df.iloc[:,-1].values
```

In [6]:
```
from sklearn.model_selection import train_test_split
```

In [7]:
```
x_train,x_test,y_train,y_test =train_test_split(features,label)
```

In [9]:
```
from sklearn.svm import SVC
classifier = SVC(kernel='linear', random_state=0)
classifier.fit(x_train, y_train)
```

Out[9]:
```
SVC(kernel='linear', random_state=0)
```

In [10]:
```
y_pred= classifier.predict(x_test)
```

In [11]:
```
from sklearn.metrics import classification_report
```

In [12]:
```
print(classification_report(y_pred,y_test))
```

```
                 precision    recall  f1-score   support

    Iris-setosa       1.00      1.00      1.00        15
Iris-versicolor       1.00      1.00      1.00        13
 Iris-virginica       1.00      1.00      1.00        10

       accuracy                           1.00        38
      macro avg       1.00      1.00      1.00        38
   weighted avg       1.00      1.00      1.00        38
```

In [ ]:
```

```