implement randomforest algorithm on 'iris.csv' dataset and find the accuracy score,confusion matrix

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In [1]: import pandas as pd
        from sklearn.model_selection import train_test_split
        from sklearn.ensemble import RandomForestClassifier
        from sklearn.preprocessing import LabelEncoder
In [4]: dat=pd.read_csv('iris.data.csv')
In [5]: dat['Iris-setosa'].value_counts()
Out[5]: Iris-versicolor
                            50
        Iris-virginica
                            50
        Iris-setosa
                            49
        Name: Iris-setosa, dtype: int64
In [6]: | lr=LabelEncoder()
        dat['Iris-setosa']=lr.fit_transform(dat['Iris-setosa'])
        dat
Out[6]:
              5.1 3.5 1.4 0.2 Iris-setosa
           0 4.9 3.0 1.4 0.2
                                     0
           1 4.7 3.2 1.3 0.2
                                     0
           2 4.6 3.1 1.5 0.2
                                     0
           3 5.0 3.6 1.4 0.2
                                     0
           4 5.4 3.9 1.7 0.4
                                     0
          144 6.7 3.0 5.2 2.3
                                     2
          145 6.3 2.5 5.0 1.9
                                     2
          146 6.5 3.0 5.2 2.0
                                     2
          147 6.2 3.4 5.4 2.3
                                     2
          148 5.9 3.0 5.1 1.8
                                     2
        149 rows × 5 columns
In [7]: | x=dat.drop('Iris-setosa',axis=1)
        y=dat.iloc[:,4]
In [8]: | xtrain,xtest,ytrain,ytest=train_test_split(x,y,test_size=0.2)
```