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In [ ]: import numpy as np
       import matplotlib.pyplot as plt
       import pandas as pd
       %matplotlib inline
In [ ]: dataset = pd.read_csv('breast_cancer.csv')
       X = dataset.iloc[:, 1:-1].values
       y = dataset.iloc[:, -1].values
In [ ]: | from sklearn.model_selection import train_test_split
       X_train, X_test, y_train, y_test = train_test_split(X, y,
                                       test_size = 0.25, random_state = 0)
In [ ]: | from sklearn.preprocessing import StandardScaler
       sc = StandardScaler()
       X_train = sc.fit_transform(X_train)
       X_test = sc.transform(X_test)
In [ ]: from sklearn.tree import DecisionTreeClassifier
       classifier = DecisionTreeClassifier(criterion = 'entropy',
                                       random_state = 0)
       classifier=classifier.fit(X_train, y_train)
In [ ]: y_pred=classifier.predict(X_test)
       print(y_pred=y_test)
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In [ ]: from sklearn.metrics import accuracy_score
       accuracy_score(y_pred,y_test)
Out[]: 0.9590643274853801
In [ ]: from sklearn import tree
       plt.figure(figsize=(20,12))
       tree.plot_tree(classifier, fontsize=10)
       plt.show()
```

