In [61]:
```
#print metric to get performsance
print("Accuracy:",model.score(x_test,y_test)*100)
```

```
Accuracy: 97.77777777777777
```

```
C:\Users\Rakesh Kumar\anaconda3\anaconda\lib\site-packages\sklearn\neighbors\_classification.py:228: FutureWarning: Unlike othe
r reduction functions (e.g. `skew`, `kurtosis`), the default behavior of `mode` typically preserves the axis it acts along. In
SciPy 1.11.0, this behavior will change: the default value of `keepdims` will become False, the `axis` over which the statistic
is taken will be eliminated, and the value None will no longer be accepted. Set `keepdims` to True or False to avoid this warni
ng.
  mode, _ = stats.mode(_y[neigh_ind, k], axis=1)
```

In [62]:
```
from sklearn.tree import DecisionTreeClassifier
model=DecisionTreeClassifier()
```

In [63]:
```
model.fit(x_train, y_train)
```

Out[63]:
```
DecisionTreeClassifier()
```

In [64]:
```
#print metric to get performsance
print("Accuracy:",model.score(x_test,y_test)*100)
```

```
Accuracy: 97.77777777777777
```

In [ ]: