EX NO : 13   Implementation of Decision Tree
              Classification Techniques.

AIM :

• To implement a decision tree classification

technique for gender .

SOURCE CODE

```
from sklearn import tree .
# using decisionTree classifier for
                            prediction
clf   = tree DecisionTree classifier()

X = [ [181 , 80 ,91] [182, 90 ,92][183,100/92] ]
Y = [ 'male' 'female'   'male' 'female' ].
clf = clf . fit (x, y)
predictionf = clf . predict [[181, 80/91]])
predictionm = clf predict([[183, 100,92]])
print (predictionf )
print (predictionm)
```

OUTPUT:

['male']

['female']

RESULT :-

The program is successfully executed
and o/p is verified.