Ex. No: 13

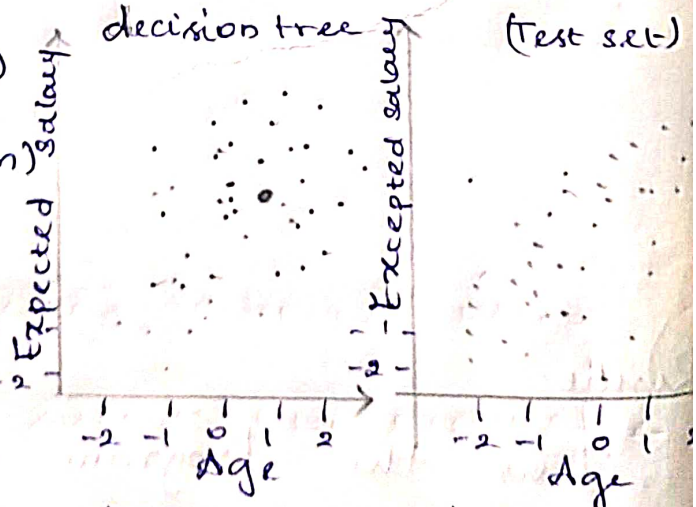
Date:

Implementation of decision Tree Classification Techniques.

Code:

```
(from sklearn import tree
# Using decision tree classifier for predi
if = tree.decisiontreeclassifier()
# Here the array contain three values.
X = [[181, 80, 91]], [182, 90, 92], [183, 100, 92
[184, 200, 93], [185, 300, 94], [186, 400, 95]
Y = ['male', 'male', 'female', 'male', 'male'
'female', 'male', 'female']
clf = clf.fit(X, Y)
Prediction f = clf.predict([[181, 80, 91]])
Prediction m = clf.predict([[183, 100, 92]])
Print (prediction f)
Print (prediction m)
```

O/P: ['male']
['female']



Result:

Thus the Program was successfully executed and the o/p was verified.