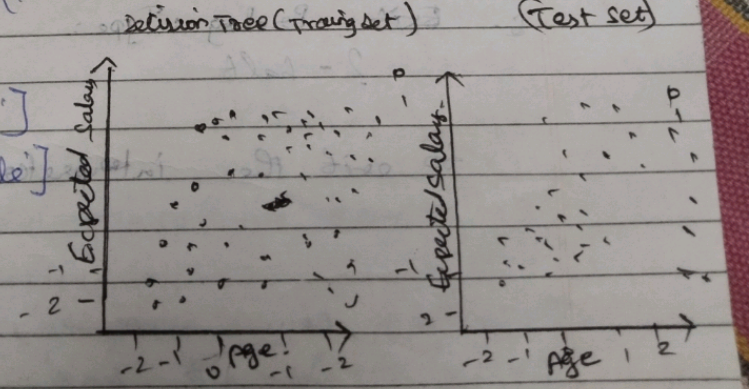
Exp-9 Implementation of decision tree classification techniques.

code:

```
from sklearn import tree

if = tree.decisionTreeClassifier()

X=[[181,80,91],[182,90,92],[185,100,92],
   [184,200,95],[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.