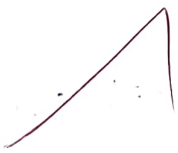
PROGRAM

```
from sklearn import tree
m = tree.DecisionTreeClassifier()

X = [[220701082],[220801082],[220801000],[220701000],
     [220701111],[220801111]]

Y = ['CSE', 'BIO', 'BIO', 'CSE', 'CSE', 'BIO']

m = m.fit(X,Y)

CS = m.predict([[220701080]])
Bio = m.predict([[220801082]])

print(CS)
print(Bio)
```



EXP NO: 10

AIM: Implementation of decision tree classification Techniques.

PROGRAM:

1. Import the decision tree from sklearn
2. Load the X values as an array
3. Load the Y values as an array
4. Use the classifier to fit the X and Y values.
5. Use random values to predict.

RESULT:
Thus decision tree classifier has been implemented in python.