

EXPERIMENT – 17

PROGRAM:

```
from sklearn.tree import DecisionTreeClassifier

import pandas as pd

data = {'RAM': [4,6,8,4], 'Storage': [64,128,256,64], 'PriceRange': [1,2,3,1]}

df = pd.DataFrame(data)

X = df[['RAM','Storage']]

y = df['PriceRange']

model = DecisionTreeClassifier()

model.fit(X, y)

ram = int(input("Enter RAM: "))

storage = int(input("Enter Storage: "))

print("Predicted Price Range:", model.predict([[ram, storage]])[0])
```