

## **EXPERIMENT – 13**

### **PROGRAM:**

```
from sklearn.linear_model import LinearRegression  
  
import pandas as pd  
  
data = {'Year': [2015,2016,2017,2018], 'Mileage': [30000,25000,20000,15000], 'Price':  
[20000,22000,24000,26000]}  
  
df = pd.DataFrame(data)  
  
X = df[['Year','Mileage']]  
  
y = df['Price']  
  
model = LinearRegression()  
  
model.fit(X, y)  
  
year = int(input("Enter Year: "))  
  
mileage = int(input("Enter Mileage: "))  
  
print("Predicted Price:", model.predict([[year, mileage]])[0])
```