

## 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])
```