

EXP 14

```
from sklearn.linear_model import LinearRegression

import numpy as np

X = np.array([[600],[1000],[1500],[2000]])

y = np.array([2500000,4000000,6000000,8000000])

model = LinearRegression()

model.fit(X,y)

size = int(input("Enter House Size (sqft): "))

price = model.predict([[size]])

print("Predicted House Price =", int(price[0]))
```



```
IDLE Shell 3.13.7
File Edit Shell Debug Options Window Help
Python 3.13.7 (tags/v3.13.7:bceelc3, Aug 14 2025, 14:15:11) [MSC v.1944 64 bit (AMD64)] on win32
Enter "help" below or click "Help" above for more information.

>>>
= RESTART: C:\Users\spark\OneDrive\Documents\Desktop\ITA-0612\EXP-14.py
Enter House Size (sqft): 18000
Predicted House Price = 71005643
>>>
```