

EXP:8

```
from sklearn.linear_model import LinearRegression  
import numpy as np  
X = np.array([[1],[2],[3],[4],[5]])  
y = np.array([2,4,6,8,10])  
model = LinearRegression()  
model.fit(X, y)  
print("Prediction for 6:", model.predict([[6]]))
```

The screenshot shows a window titled "IDLE Shell 3.13.7". The menu bar includes File, Edit, Shell, Debug, Options, Window, and Help. The main area displays the following Python code and its execution:

```
File Edit Shell Debug Options Window Help  
Python 3.13.7 (tags/v3.13.7:bceefc3, 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\Pictures\Documents\Desktop\ITA-0612\EXP-8.py  
Prediction for 6: [12.]  
>>>
```

The status bar at the bottom right indicates "Ln: 6 Col: 0".