

EXP:20

```
from sklearn.linear_model import LinearRegression
import numpy as np
months = np.array([[1],[2],[3],[4],[5]])
sales = np.array([200,300,400,500,600])
model = LinearRegression()
model.fit(months,sales)
month = int(input("Enter Month: "))
prediction = model.predict([[month]])
print("Predicted Sales =", int(prediction[0]))
```

The screenshot shows the Python IDLE Shell interface. The menu bar includes File, Edit, Shell, Debug, Options, Window, and Help. The title bar says "IDLE Shell 3.13.7". The main window displays the following text:

```
File Edit Shell Debug Options Window Help
Python 3.13.7 (tags/v3.13.7:bce1c3, 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-20.py
Enter Month:
* RESTART: C:\Users\spark\OneDrive\Pictures\Documents\Desktop\ITA-0612\EXP-20.py
Enter Month: 2023
Predicted Sales = 202400
>>>
```

The status bar at the bottom right indicates "Ln: 9 Col: 0".