

EXP:11

```
from sklearn.linear_model import LogisticRegression
import numpy as np
X = np.array([[25,30000],[40,60000],[30,40000],[50,80000]])
y = np.array([0,1,0,1])
model = LogisticRegression()
model.fit(X,y)
age = int(input("Enter Age: "))
income = int(input("Enter Income: "))
result = model.predict([[age,income]])
```

```
if result[0] == 1:
    print("Credit Score = High (1)")
else:
    print("Credit Score = Low (0)")
```

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

```
File Edit Shell Debug Options Window Help
Python 3.13.7 (tags/v3.13.7-0+0x7cbeefc3, 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-11.py
Enter Age: 30
Enter Income: 5000000
Credit Score = High (1)
>>> |
```

The status bar at the bottom right indicates "Ln: 8 Col: 0".