

EXP:19

```
from sklearn.naive_bayes import GaussianNB
import numpy as np
X = np.array([[25,30000],[35,50000],[45,70000],[50,90000]])
y = np.array([0,0,1,1])
model = GaussianNB()
model.fit(X,y)
age = int(input("Enter Age: "))
income = int(input("Enter Income: "))
result = model.predict([[age,income]])
if result[0] == 1:
    print("Loan Approved = Yes (1)")
else:
    print("Loan Approved = No (0)")
```



The screenshot shows the Python IDLE Shell 3.13.7 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 contains the following text:

```
File Edit Shell Debug Options Window Help
Python 3.13.7 (tags/v3.13.7-bccef1c3, 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-19.py
Enter Age: 20000
Enter Income: 20000
Loan Approved = No (0)
>>> KeyboardInterrupt
>>> KeyboardInterrupt
>>> |
```

The status bar at the bottom right indicates "Ln: 10 Col: 0".