

EXP:13

```
from sklearn.datasets import load_iris  
from sklearn.neighbors import KNeighborsClassifier  
iris = load_iris()  
X = iris.data  
y = iris.target  
model = KNeighborsClassifier(n_neighbors=3)  
model.fit(X,y)  
sl = float(input("Sepal Length: "))  
sw = float(input("Sepal Width: "))  
pl = float(input("Petal Length: "))  
pw = float(input("Petal Width: "))  
print("Iris Class =", model.predict([[sl,sw,pl,pw]])[0])
```

The screenshot shows the 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 displays the following Python session:

```
File Edit Shell Debug Options Window Help  
Python 3.13.7 (tags/v3.13.7-bc ee1c3, 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-13.py  
>>> Enter Car Year: 2023  
>>> Predicted Car Price = 1065420  
>>>
```

The status bar at the bottom right indicates "Ln: 7 Col: 0".