EXP:18

```python
from sklearn.datasets import load_iris

from sklearn.linear_model import Perceptron

iris = load_iris()

X = iris.data

y = iris.target

model = Perceptron()

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])
```


IDLE Shell 3.13.7

File Edit Shell Debug Options Window Help

```
Python 3.13.7 (tags/v3.13.7:bceelc3, 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-18.py
Sepal Length: 5.1
Sepal Width: 4.1
Petal Length: 23.
Petal Width: 5.1
Iris Class = 2
>>>
```

Ln: 10 Col: 0