Write a program for Implementation of K-Nearest Neighbours (K-NN) in Python

Code

from sklearn.neighbors import KNeighborsClassifier
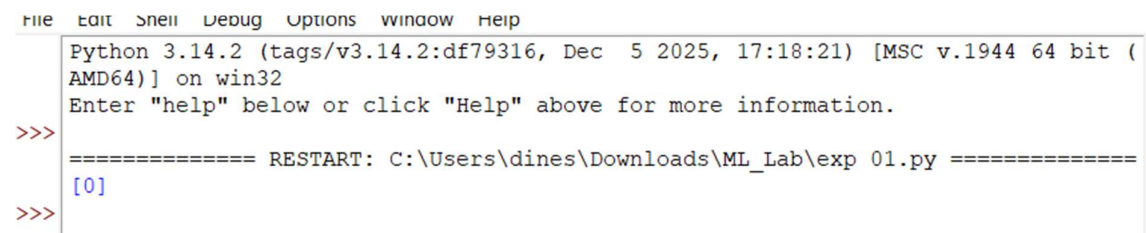
from sklearn.datasets import load_iris

X,y = load_iris(return_X_y=True)

knn = KNeighborsClassifier(n_neighbors=3)

knn.fit(X,y)

print(knn.predict([X[0]]))

Output

```
File  Edit  Shell  Debug  Options  Window  Help
    Python 3.14.2 (tags/v3.14.2:df79316, Dec  5 2025, 17:18:21) [MSC v.1944 64 bit (
    AMD64)] on win32
    Enter "help" below or click "Help" above for more information.
>>>
    =============== RESTART: C:\Users\dines\Downloads\ML_Lab\exp 01.py ===============
    [0]
>>>
```