For a given set of training data examples stored in a .CSV file, implement and demonstrate the Candidate-Elimination algorithm in python to output a description of the set of all hypotheses consistent with the training examples

Code

```python
from sklearn.tree import DecisionTreeClassifier

from sklearn.datasets import load_iris

X, y = load_iris(return_X_y=True)

model = DecisionTreeClassifier(criterion="entropy")

model.fit(X, y)

print("Prediction:", model.predict([X[0]]))

input("Press Enter to exit")
```
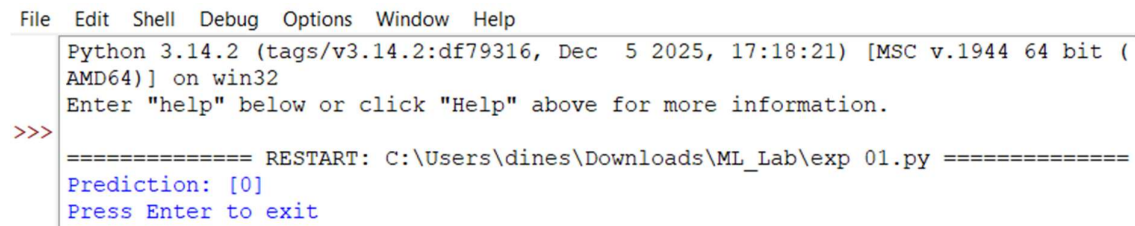
Output

```
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 ==============
    Prediction: [0]
    Press Enter to exit
```