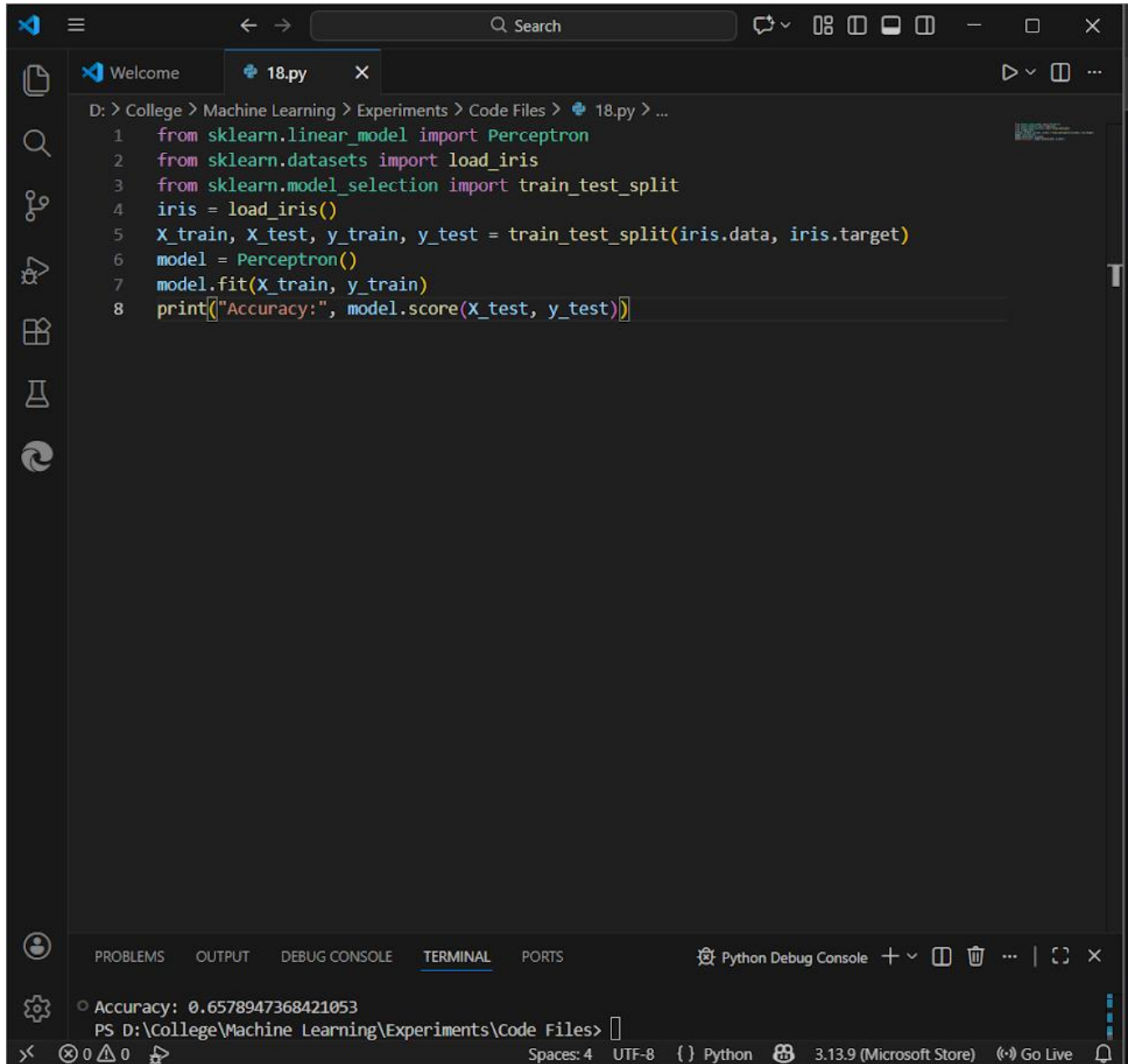


## EXPERIMENT – 18

OUTPUT:



The screenshot displays the Visual Studio Code interface. The main editor window shows a Python file named `18.py` with the following code:

```
1 from sklearn.linear_model import Perceptron
2 from sklearn.datasets import load_iris
3 from sklearn.model_selection import train_test_split
4 iris = load_iris()
5 X_train, X_test, y_train, y_test = train_test_split(iris.data, iris.target)
6 model = Perceptron()
7 model.fit(X_train, y_train)
8 print("Accuracy:", model.score(X_test, y_test))
```

The bottom panel of the IDE shows the **TERMINAL** tab, which contains the output of the script:

```
Accuracy: 0.6578947368421053
PS D:\College\Machine Learning\Experiments\Code Files>
```

The status bar at the very bottom indicates the file encoding is UTF-8, the editor is using Python 3.13.9 (from the Microsoft Store), and the workspace has 4 spaces.