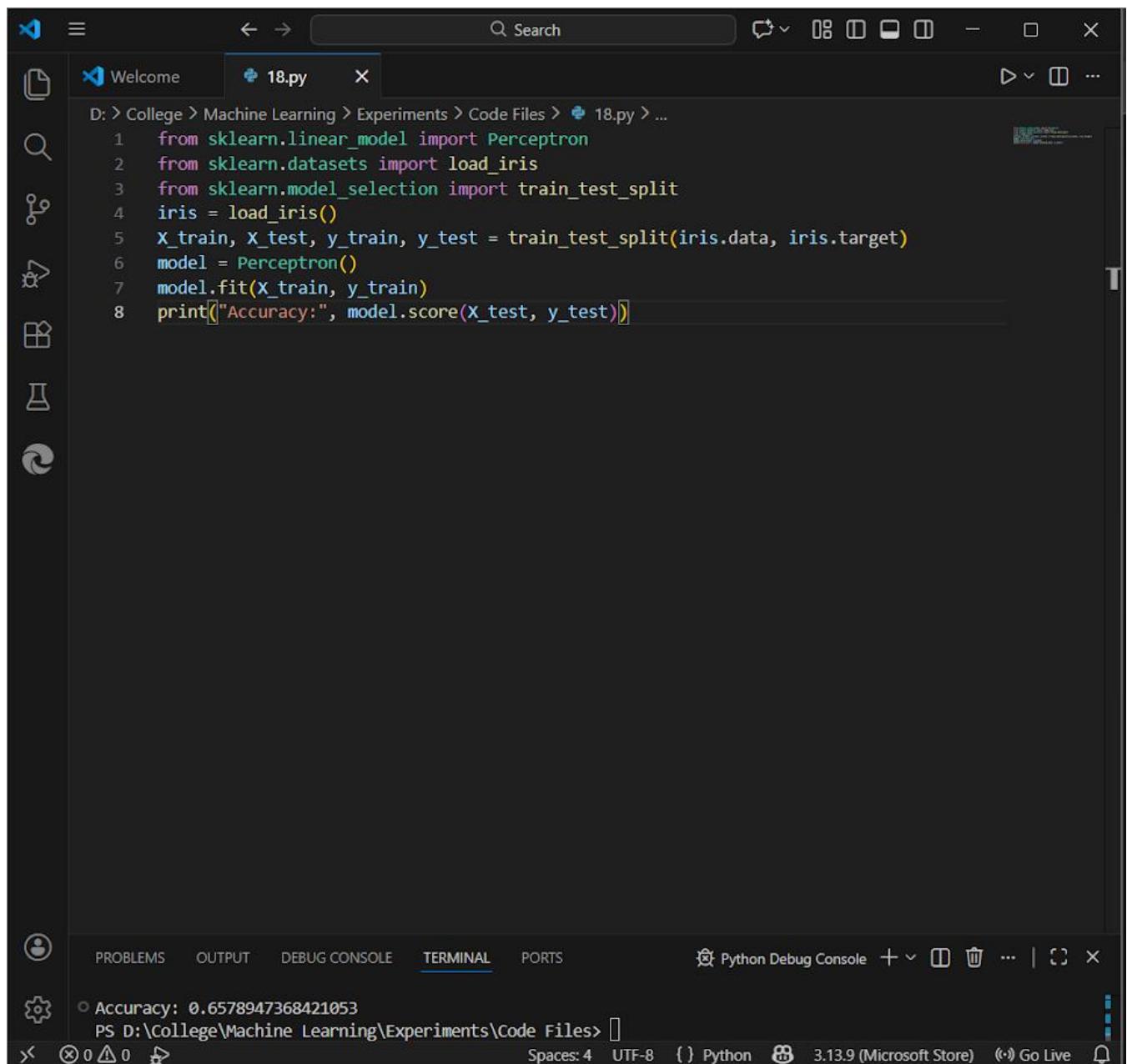


## EXPERIMENT – 18

### OUTPUT:



The screenshot shows a dark-themed code editor interface. At the top, there's a navigation bar with icons for file operations like back, forward, search, and refresh. Below the bar, a tab bar shows 'Welcome' and '18.py'. The main area displays the following Python code:

```
D: > College > Machine Learning > Experiments > Code Files > 18.py > ...
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))
```

On the left side, there's a vertical toolbar with icons for file, search, and other development tools. At the bottom, there's a navigation bar with tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL, and PORTS. The TERMINAL tab is active, showing the command PS D:\College\Machine Learning\Experiments\Code Files> followed by a command prompt. To the right of the terminal, there's a Python Debug Console tab with some status indicators and a message about accuracy.