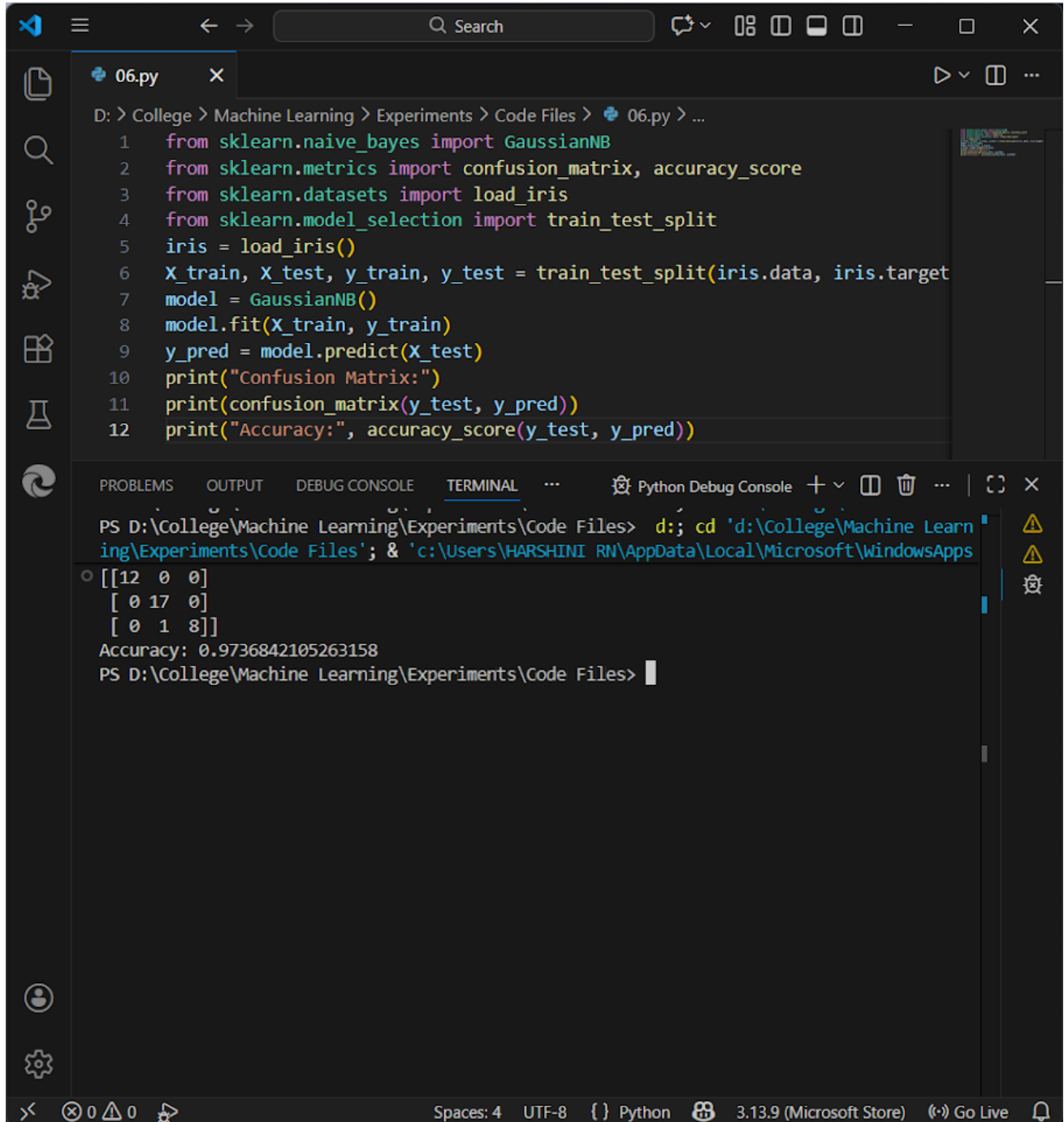


## EXPERIMENT – 6

OUTPUT:



```
D: > College > Machine Learning > Experiments > Code Files > 06.py > ...
1  from sklearn.naive_bayes import GaussianNB
2  from sklearn.metrics import confusion_matrix, accuracy_score
3  from sklearn.datasets import load_iris
4  from sklearn.model_selection import train_test_split
5  iris = load_iris()
6  X_train, X_test, y_train, y_test = train_test_split(iris.data, iris.target
7  model = GaussianNB()
8  model.fit(X_train, y_train)
9  y_pred = model.predict(X_test)
10 print("Confusion Matrix:")
11 print(confusion_matrix(y_test, y_pred))
12 print("Accuracy:", accuracy_score(y_test, y_pred))
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL ... Python Debug Console

```
PS D:\College\Machine Learning\Experiments\Code Files> d:; cd 'd:\College\Machine Learning\Experiments\Code Files'; & 'c:\Users\HARSHINI RN\AppData\Local\Microsoft\WindowsApps
[[12  0  0]
 [ 0 17  0]
 [ 0  1  8]]
Accuracy: 0.9736842105263158
PS D:\College\Machine Learning\Experiments\Code Files>
```

Spaces: 4 UTF-8 { } Python 3.13.9 (Microsoft Store) Go Live