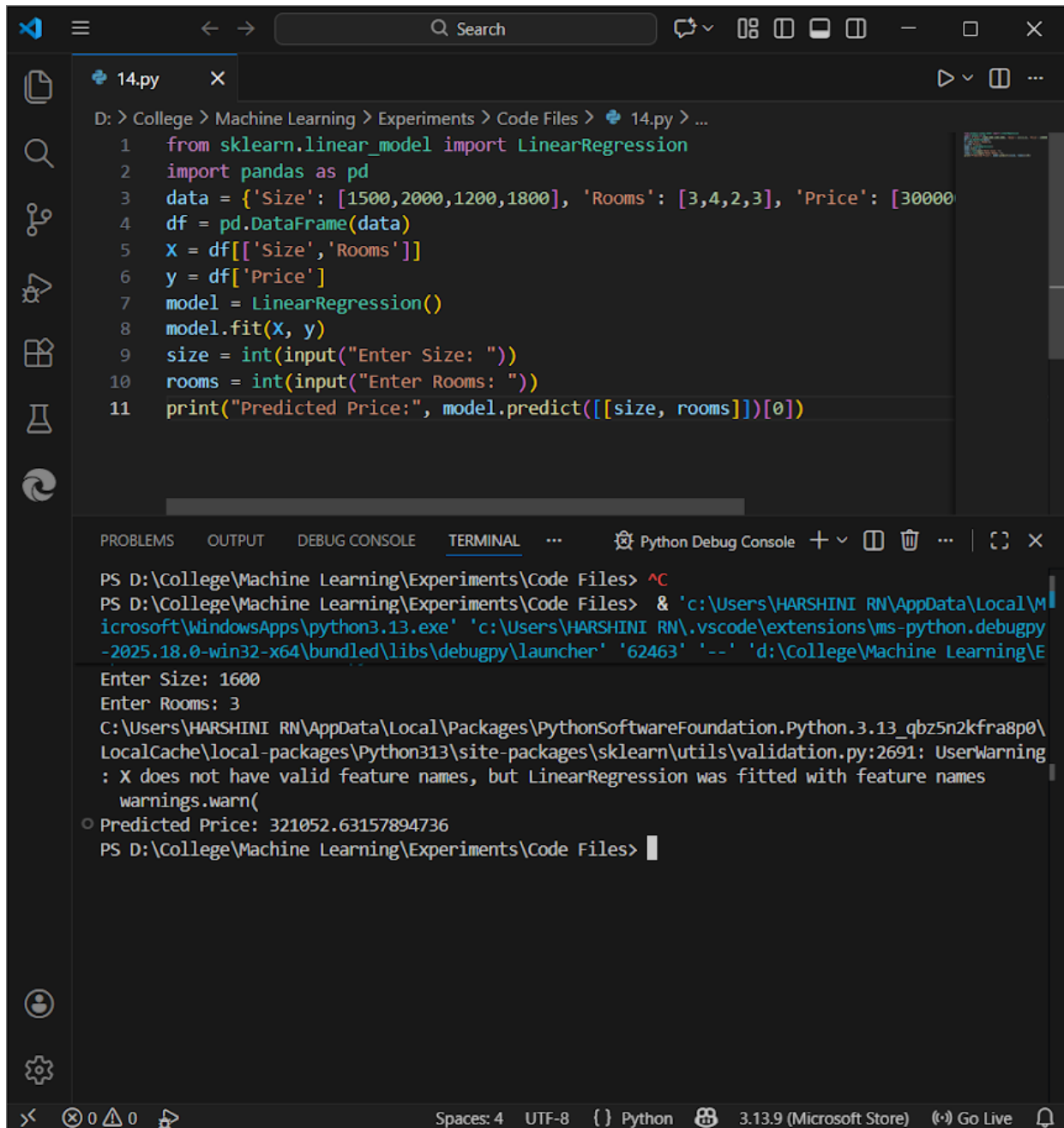


EXPERIMENT – 14

OUTPUT:



```
14.py
D: > College > Machine Learning > Experiments > Code Files > 14.py > ...
1 from sklearn.linear_model import LinearRegression
2 import pandas as pd
3 data = {'Size': [1500,2000,1200,1800], 'Rooms': [3,4,2,3], 'Price': [30000,
4 df = pd.DataFrame(data)
5 X = df[['Size', 'Rooms']]
6 y = df['Price']
7 model = LinearRegression()
8 model.fit(X, y)
9 size = int(input("Enter Size: "))
10 rooms = int(input("Enter Rooms: "))
11 print("Predicted Price:", model.predict([[size, rooms]])[0])
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL ... Python Debug Console
PS D:\College\Machine Learning\Experiments\Code Files> ^C
PS D:\College\Machine Learning\Experiments\Code Files> & 'c:\Users\HARSHINI RN\AppData\Local\Microsoft\WindowsApps\python3.13.exe' 'c:\Users\HARSHINI RN\.vscode\extensions\ms-python.debugpy-2025.18.0-win32-x64\bundle\libs\debugpy\launcher' '62463' '--' 'd:\College\Machine Learning\Experiments\Code Files\14.py'
Enter Size: 1600
Enter Rooms: 3
C:\Users\HARSHINI RN\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.13_qbz5n2kfra8p0\LocalCache\local-packages\Python313\site-packages\sklearn\utils\validation.py:2691: UserWarning: X does not have valid feature names, but LinearRegression was fitted with feature names
  warnings.warn(
Predicted Price: 321052.63157894736
PS D:\College\Machine Learning\Experiments\Code Files>
```

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