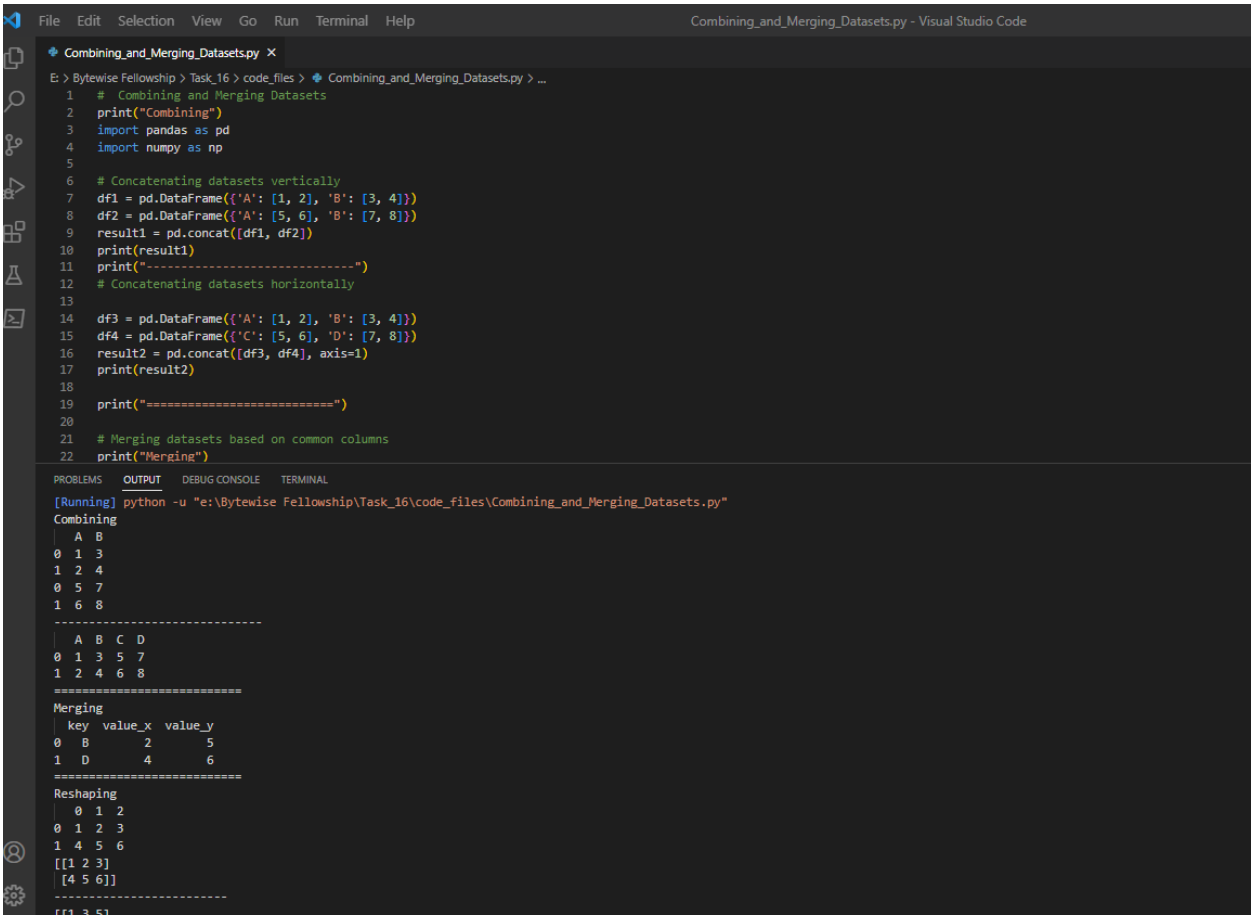
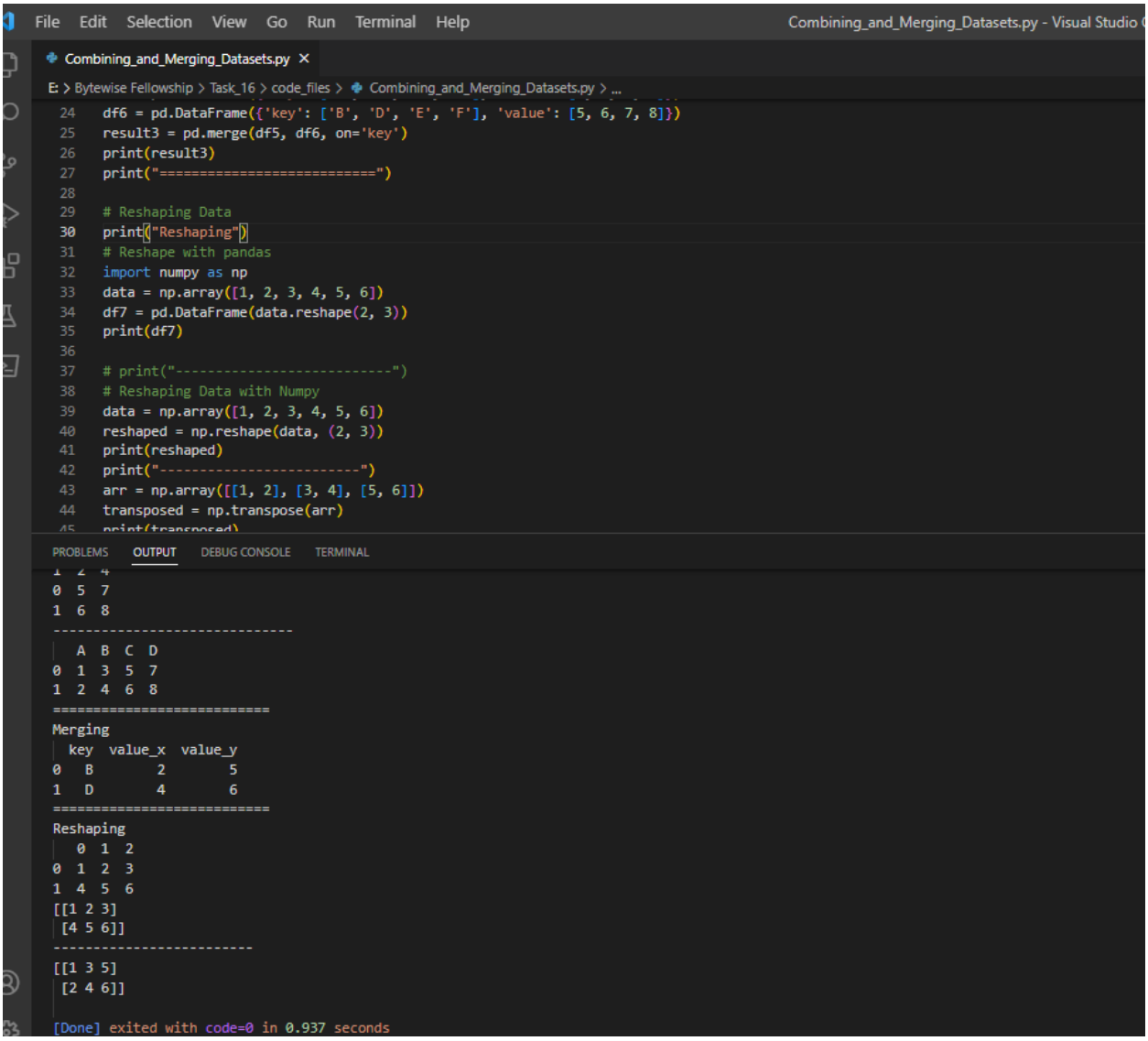
Sania Bibi

Task # 16




File Edit Selection View Go Run Terminal Help
Combining_and_Merging_Datasets.py - Visual Studio
Combining_and_Merging_Datasets.py
E: > Bytewise Fellowship > Task_16 > code_files > Combining_and_Merging_Datasets.py > ...
df6 = pd.DataFrame({'key': ['B', 'D', 'E', 'F'], 'value': [5, 6, 7, 8]})
result3 = pd.merge(df5, df6, on='key')
print(result3)
print("==========")
# Reshaping Data
print("Reshaping")
# Reshape with pandas
import numpy as np
data = np.array([1, 2, 3, 4, 5, 6])
df7 = pd.DataFrame(data.reshape(2, 3))
print(df7)
# print("----------")
# Reshaping Data with Numpy
data = np.array([1, 2, 3, 4, 5, 6])
reshaped = np.reshape(data, (2, 3))
print(reshaped)
print("----------")
arr = np.array([[1, 2], [3, 4], [5, 6]])
transposed = np.transpose(arr)
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
0 5 7
1 6 8
A B C D
0 1 3 5 7
1 2 4 6 8
==========
Merging
key value_x value_y
0 B 2 5
1 D 4 6
==========
Reshaping
0 1 2
0 1 2 3
1 4 5 6
[[1 2 3]
[4 5 6]]

[[1 3 5]
[2 4 6]]
[Done] exited with code=0 in 0.937 seconds