

Problem 2888: Reshape Data: Concatenate

Problem Information

Difficulty: Easy

Acceptance Rate: 90.65%

Paid Only: No

Problem Description

DataFrame df1 +-----+-----+ | Column Name | Type | +-----+-----+ | student_id |
int | | name | object | | age | int | +-----+-----+ DataFrame df2 +-----+-----+ |
Column Name | Type | +-----+-----+ | student_id | int | | name | object | | age | int |
+-----+-----+

Write a solution to concatenate these two DataFrames **vertically** into one DataFrame.

The result format is in the following example.

Example 1:

Input: df1 +-----+-----+-----+ | student_id | name | age | +-----+-----+-----+ | 1
| Mason | 8 | | 2 | Ava | 6 | | 3 | Taylor | 15 | | 4 | Georgia | 17 | +-----+-----+ **df2**
+-----+-----+-----+ | student_id | name | age | +-----+-----+-----+ | 5 | Leo | 7 | | 6 |
Alex | 7 | +-----+-----+ **Output:** +-----+-----+-----+ | student_id | name |
age | +-----+-----+-----+ | 1 | Mason | 8 | | 2 | Ava | 6 | | 3 | Taylor | 15 | | 4 | Georgia | 17
| | 5 | Leo | 7 | | 6 | Alex | 7 | +-----+-----+ **Explanation:** The two DataFrames
are stacked vertically, and their rows are combined.

Code Snippets

Pandas:

```
import pandas as pd

def concatenateTables(df1: pd.DataFrame, df2: pd.DataFrame) -> pd.DataFrame:
```

