

10 programming questions related to merging, concatenating, and recombining data using pandas in Python:

1. Write a Python function that merges two DataFrames df1 and df2 based on a common key column key_col.
2. Create a Python script that concatenates three DataFrames df1, df2, and df3 vertically into a single DataFrame.
3. Write a code snippet to concatenate two DataFrames df1 and df2 horizontally along the columns axis.
4. Implement a function that merges two DataFrames df1 and df2 without any common key column, using the merge function in pandas.
5. Create a Python program that recombines data from two DataFrames df1 and df2 by filling missing values in df1 with corresponding values from df2.
6. Write a Python function that concatenates two DataFrames df1 and df2 while preserving the original index labels.
7. Implement a code snippet to merge two DataFrames df1 and df2 based on specific conditions using the merge function in pandas.
8. Create a Python script that concatenates multiple DataFrames stored in a list dfs into a single DataFrame using a loop.
9. Write a function that merges two DataFrames df1 and df2 and fills missing values in df1 with default values.
10. Implement a code snippet to concatenate two DataFrames df1 and df2 and ignore duplicate entries.