HANDSON-4

DAA

ID:1002233393

RASHMITHA RAMASANI

OUTPUTS:

PROBLEM-0

PROBLEM-1

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          # Test cases
test_enraye2 = [[1, 3, 8, 7], [2, 4, 6, 6], [6, 9, 10, 11]]
test_enraye2 = [[1, 3, 7], [2, 4, 6], [9, 10, 11]]
         print("\nTest Case 2:")
merge_k_sorted_lists[[test_arrays2]]
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS JUPYTER
          ers\Rashmitha Reddy\Downloads> & 'c:\Users\Rashmitha Reddy\AppData\Local\Programs\Pyt
exe' 'c:\Users\Rashmitha Reddy\.vscode\extensions\ms-python.debugpy-2024.10.0-win32-x6
py\adapter/../.\debugpy\launcher' '50336' '--' 'c:\Users\Rashmitha Reddy\Downloads\ME
           e l:
with the input lists: [[1, 3, 5, 7], [2, 4, 6, 8], [0, 9, 10, 11]]
          g [1, 3, 5, 7] with [2, 4, 6, 8]
Fiter merging: [1, 2, 3, 4, 5, 6, 7, 8]
       after this merging round: [[1, 2, 3, 4, 5, 6, 7, 8], [0, 9, 10, 11]]
    oining [1, 2, 3, 4, 5, 6, 7, 8] with [0, 9, 10, 11]
                                                                                                     Spaces: 4 UTF-8 {} Python 3.8.0 64-bit @ Go Live C
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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS JUPYTER

The final merged list: [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11]

Test Case 2: Starting with the input lists: [[1, 3, 7], [2, 4, 8], [9, 10, 11]]

Combining [1, 3, 7] with [2, 4, 8] Result after merging: [1, 2, 3, 4, 7, 8] 

Lists after this merging round: [[1, 2, 3, 4, 7, 8], [9, 10, 11]]

Combining [1, 2, 3, 4, 7, 8] with [9, 10, 11] Result after merging: [1, 2, 3, 4, 7, 8, 9, 10, 11]
```

PROBLEM-2

```
print(eliminate_duplicates([2, 2, 2, 2, 2]))

print(eliminate_duplicates([1, 2, 2, 3, 4, 4, 4, 5, 5]))

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS JUPYTER

Lists after this merging round: [[1, 2, 3, 4, 7, 8, 9, 19, 11]]

The final merged list: [1, 2, 3, 4, 7, 8, 9, 19, 11]

PS C:\Users\Rashmitha Reddy\Downloads\ \forall C:\Users\Rashmitha Reddy\Downloads\ \forall C:\Users\Rashmitha Reddy\Downloads\ \c:; cd 'c:\Users\Rashmitha Reddy\Downloads'; & 'c:\Users\Rashmitha Reddy\Downloads\ \forall C:\Users\Rashmitha Reddy\Downloads\ \forall C:\Users
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