



Day 30

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Description

Solution

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Submissions

Python3

677. Map Sum Pairs

Medium

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Implement the `MapSum` class:

- `MapSum()` Initializes the `MapSum` object.
- `void insert(String key, int val)` Inserts the `key-val` pair into the map. If the `key` already existed, the original `key-value` pair will be overridden to the new one.
- `int sum(string prefix)` Returns the sum of all the pairs' value whose `key` starts with the `prefix`.

Example 1:

Input

```
["MapSum", "insert", "sum", "insert", "sum"]  
[[], ["apple", 3], ["ap"], ["app", 2], ["ap"]]
```

Output

```
[null, null, 3, null, 5]
```

Explanation

```
MapSum mapSum = new MapSum();  
mapSum.insert("apple", 3);  
mapSum.sum("ap");           // return 3 (apple = 3)  
mapSum.insert("app", 2);  
mapSum.sum("ap");           // return 5 (apple + app = 3 + 2  
                             = 5)
```

Constraints:

```
i {}  
  
1 class MapSum  
2  
3 def __  
4     ""  
5     In  
6     structure  
7     ""  
8  
9     def in  
10    val: int)  
11  
12    def su  
13    -> int:  
14  
15  
16    # Your Map  
17    instantiat  
18    such:  
19    # obj = Ma  
20    # obj.inse  
21    # param_2
```

Console ▾

Problems

Pick One

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Run Code ^