

## SECTION-5

5.a. Input

3

1 2

2 2

8 7

2

3 3

4 4

When key does not exist in data1, the key-value pair is not added to it.

b. if k in data1:

$v1 = data1[k]$

if  $v1 \neq v2$ :

$dupkeys[k] = [v1, v2]$

$del data1[k]$

else:

$data1[k] = v2$

5.6.

Test case 1

4  
1 2  
3 3  
3 8  
4 9  
2  
3 3  
4 4

Test case 2

4  
1 2  
2 2  
3 3  
4 19  
2  
3 3  
4 19

Test case 3

3  
1 2  
2 2  
8 7  
2  
3 3  
4 4

(The same case as 5.a. which  
breaks the initially written code)  
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