

Q.5

a. (a) Input

3	
1	2
2	2
8	7

2

3	3
4	4

When key class not exist in data 1, the key value pair is not added to it.

(b) if  $k$  in data 1:

$v_1 = \text{data 1}[k]$

if  $v_1 \neq v_2$ :

$\text{dup key}[k] = [v_1, v_2]$

$\text{del data 1}[k]$

else;

$\text{data 1}[k] = v_2$



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

Test Case-3

The test can written in 5a, which breaks the initially written can be written.