

5

a) Input

3

1

2

2

2

8

7

2

3

3

4

4

Where key does not exist in data 1, the key-value pair is not added to set.

b) if k in data 1:

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

$$\text{if } v_1 \neq v_2:$$

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

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

else:

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

return dupkeys.

Q3

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

The test case written on Sa, which breaks the
 gradually written code can be written.