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So a) Input :

3

1 2

2 2

8 7

2

3 3

4 4

When key does not exist in data 1, the key-value pair is not added to it

b) if k in $data1$:

$$v_1 = data1[k]$$

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

$$deepKey[k] = [v_1, v_2]$$

$$del\ data1[k]$$

Else :

$$data[k] = v_2$$