Bharath. A
ENG18CS0063.

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.

5.b)

```
if k in data1:
    v1 = data1[k]
    if v1 != v2:
        dupKeys[k] = [v1, v2]
        del data1[k]
    else:
        data1[k] = v2
return dupkey.
```

5.c). def uniqueUpdate(data1, data2):

```
    dupKeys = {}   #initially empty dictionary.
# Examine every (k, v2) pair in data2:
    for [k, v2] in data2:
        #check if there is a key-value
        # pair with key = k in data1
        if k in data1:
            v1 = data1[k]
            #(k, v1) in dict1
            #check if v1 != v2
            if v1 != v2:
                # Add (k, [v1, v2])
                # to dictionary.
                dupKeys[k] = [v1, v2].
                #Remove (k, v1) from data1
                del data1[k]
            else:
                # Add(k, v2) to data1
                data1[k] = v2
    # After processing all (k, v2) in
    # data2, return the dictionary
    return dupKeys.
```