Section - 5

5 (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:
    v1 = data1[k]
    if v1 != v2:
        dep key[k] = [v1, v2]
        del data1[k]
    else:
        data1[k] = v2.
```

```
def unique_update(data1, data2):
    # initially empty dictionary
    dupkeys = {}
    # 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 is 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, V1) in
    # data2, or there in the dictionary
            return dupkeys.
```