**Inverted index using revised algorithm**

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapper1- Output** | **Mapper2-Output** | | **Mapper3-Output** |
| <(cherry,101),2>  <(plum,101),1>  <(mango,101),1>  <(radish,101),1>  <(kiwi,101),1> | <(plum,201),2>  <(mango,201),2>  <(radish,201),1>  <(kiwi,201),1> | | <(radish,301),1>  <(mango,301),2>  <(cherry,301),1>  <(plum,301),1>  <(kiwi,301),1> |
| **Reducer 1 I/P** | | **Reducer 2 I/P** | |
| <(cherry,101), [2]>  <(cherry,301), [1]>  <(mango,101), [1]>  <(mango,201), [2]>  <(mango,301), [2]> | | <(kiwi,101), [1]>  <(kiwi,201), [1]>  <(kiwi,301), [1]>  <(plum,101), [1]>  <(plum,201), [2]>  <(plum,301), [1]>  <(radish,101), [1]>  <(radish,201), [1]>  <(radish,301), [ 1]> | |
| **Reducer 1 O/P** | | **Reducer 2 O/P** | |
| Cherry [ (101,2), (301,1) ]  Mango [ (101,1), (201,2) ,(301,2) ] | | Kiwi [ (101,1), (201,1), (301,1) ]  Plum [ (101,1), (201,2), (301,1) ]  radish [ (101,1), (201,1), (301,1) ] | |