Input split 0 : [apple lemon mango salmon wheat apple]

Input split 1 : [barley salmon apple orange carrot rice]

Input split 2 : [mango carrot lemon apple rice tuna]

**Input for Mapper 0 Input for Mapper 1 Input for Mapper 2**

mango carrot lemon apple rice tuna

barley salmon apple orange carrot rice

apple lemon mango salmon wheat apple

**Output for Mapper 0 Output for Mapper 1 Output for Mapper 2**

(apple , 1) (barley , 1) (mango , 1)

(lemon , 1) (salmon , 1) (carrot , 1)

(mango , 1) (apple , 1) (lemon , 1)

(salmon , 1) (orange , 1) (apple , 1)

(wheat , 1) (carrot , 1) (rice , 1)

(apple , 1) (rice , 1) (tuna , 1)

**Key < k for Reducer 0 others for Reducer 1 Key > r for Reducer 2**

(apple , [1,1,1,1]) (lemon , [1,1]) (rice , [1,1])

(barley , [1]) (mango , [1,1]) (salmon , [1,1])

(carrot , [1,1]) (orange , [1]) (tuna , [1])

(wheat , [1])