

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

apple lemon mango  
salmon wheat apple

#### Output for Mapper 0

(apple , 1)  
(lemon , 1)  
(mango , 1)  
(salmon , 1)  
(wheat , 1)  
(apple , 1)

#### Key < k for Reducer 0

(apple , [1,1,1,1])  
(barley , [1])  
(carrot , [1,1])

#### Input for Mapper 1

barley salmon apple  
orange carrot rice

#### Output for Mapper 1

(barley , 1)  
(salmon , 1)  
(apple , 1)  
(orange , 1)  
(carrot , 1)  
(rice , 1)

#### others for Reducer 1

(lemon , [1,1])  
(mango , [1,1])  
(orange , [1])

#### Input for Mapper 2

mango carrot lemon  
apple rice tuna

#### Output for Mapper 2

(mango , 1)  
(carrot , 1)  
(lemon , 1)  
(apple , 1)  
(rice , 1)  
(tuna , 1)

#### Key > r for Reducer 2

(rice , [1,1])  
(salmon , [1,1])  
(tuna , [1])  
(wheat , [1])