Vu Tuan Hoang - 985845			
IS-0	IS-1	IS-2	
[apple lemon mango salmon wheat apple mango]	[barley salmon apple orange carrot rice salmon]	[mango carrot lemon carrot apple rice tuna]	IS
(apple, 2) (lemon, 1) (mango, 2) (salmon, 1) (wheat, 1)	(barley, 1) (salmon, 2) (apple, 1) (orange, 1) (carrot, 1) (rice, 1)	(mango, 1) (carrot, 2) (lemon, 1) (apple, 1) (rice, 1) (tuna, 1)	Mapper Output
apple, barley, carrot	lemon,mango, orange, rice	salmon, wheat. tuna	Suffle and Sort
(apple, [2, 1, 1]) (barley, [1]) (carrot, [1, 2])	(lemon, [1, 1]) (mango, [2, 1]) (orange, [1]) (rice, [1, 1])	(salmon, [1, 2]) (wheat, [1]) (tuna, [1])	Reduce Input
(apple, 4) (barley, 1) (carrot, 3)	(lemon, 2) (mango, 3) (orange, 1) (rice, 2)	(salmon, 3) (wheat, 1) (tuna, 1)	Reduce Output