

The table to show the processes done by mapper, combiner, and reducer to show the Full Inverted Index of these three files:

file 0's content "it is what it is"
file 1's content "what is it"
file 2's content "it is a banana"

Job: Full inverted index											
Map Task								Reduce Task			
Map()				Combine()				Reduce()			
Input(Given)		Output(program)		Input(Given)		Output(program)		Input(Given)		Output	
Key	Value	Key	Value	Key	Value	Key	Value	Key	Value	Key	Value
file0	it is what it is	it	(0,0)	is	(0,1), (0,4)	is	(0,1), (0,4)	a	{{2,2}}	a	{{2,2}}
		is	(0,1)	it	(0,0), (0,3)	it	(0,0), (0,3)	banana	{{2,3}}	banana	{{2,3}}
		what	(0,2)	what	(0,2)	what	(0,2)	is	{{(0,1),(0,4),(1,1),(2,1)}}	is	{{(0,1),(0,4),(1,1),(2,1)}}
		it	(0,3)					it	{{(0,0),(0,3),(1,2),(2,0)}}	it	{{(0,0),(0,3),(1,2),(2,0)}}
		is	(0,4)					what	{{(0,2),(1,0)}}	what	{{(0,2),(1,0)}}
file1	what is it	what	(1,0)	is	(1,1)	is	(1,1)				
		is	(1,1)	it	(1,2)	it	(1,2)				
		it	(1,2)	what	(1,0)	what	(1,0)				
file2	it is a banana	it	(2,0)	a	(2,2)	a	(2,2)				
		is	(2,1)	banana	(2,3)	banana	(2,3)				
		a	(2,2)	is	(2,1)	is	(2,1)				
		banana	(2,3)	it	(2,0)	it	(2,0)				