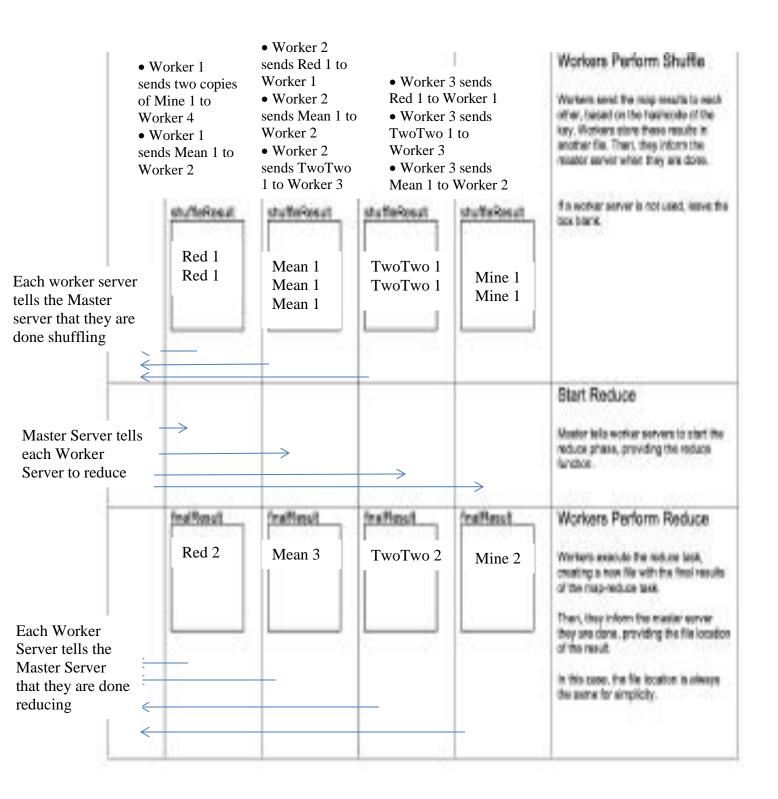
Akhil Prakash

Mast	er Worker 1	Worker 2	Worker 3	Worker 4	Description
Master tells Worker1 to	P1, P2	P1, P2	P3	P2, P3	Initial Contents
use P2	> P2		P3		Start Map
Master tells Worker2 to use P1		> P1	1 5		Moster tells worker servers to start the map phase, providing the map function.
Master tells Worker3 to					
use P3	mapResult	magResult	magReeult	magReaut	Workers Perform Map
Each worker	Mine 1 Mine 1 Mean 1	Red 1 Mean 1 TwoTwo 1	Red 1 TwoTwo Mean 1	1	Warters execute the map test and store their results in the mapfless if file. Then, they inform the master server that the map test has been completed.
tells the master					To worker prover is not used, have the
that they finished the map task					box blank
	→				Start Shuffle
Map tells each worker to start the shuffle phase		 			Master tells worker servers to start the shuffle phase.
					source proces



Note that Worker 4 is not used in the map part of the algorithm because there are 3 partitions and 4 workers. In this diagram I am assuming that none of the worker servers fail.