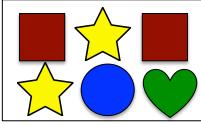
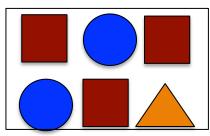
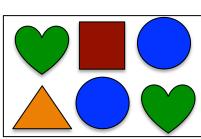


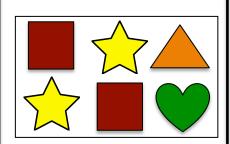
STEP 0 -STORE TO HDFS Assume 4 data



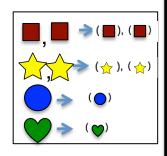


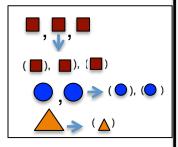


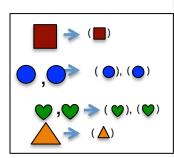


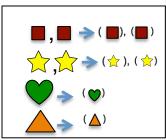


MAP

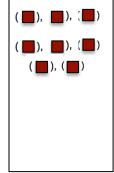


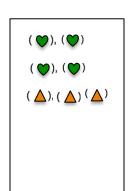


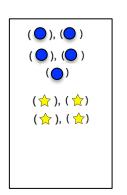




2 – **SHUFFLE** and SORT







3 -**REDUCE**



