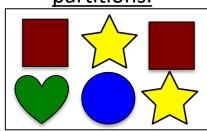
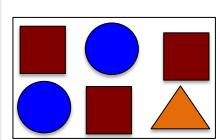
Note: In the map step I consolidated values and this is not correct according to the slides. I did this to save space and avoid visual clutter.

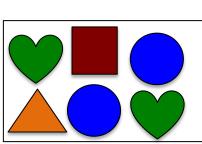
In reality it should be: sqr, sqr -> (sqr,1), (sqr,1) cr, cr, cr -> (cr,1),(cr,1),(cr,1) And so on...

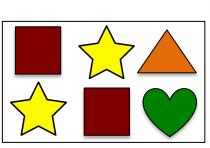
STEP 0 – STORE TO

HDFS
Assume 4 data
partitions.

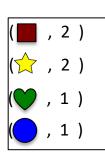


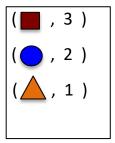


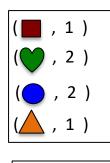




1 - MAP

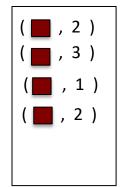


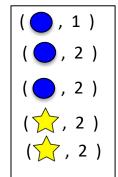


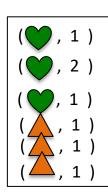




2 – SHUFFLE and SORT







(**1** , 8) (**1** , 4) (**0** , 5)

3 - REDUCE

