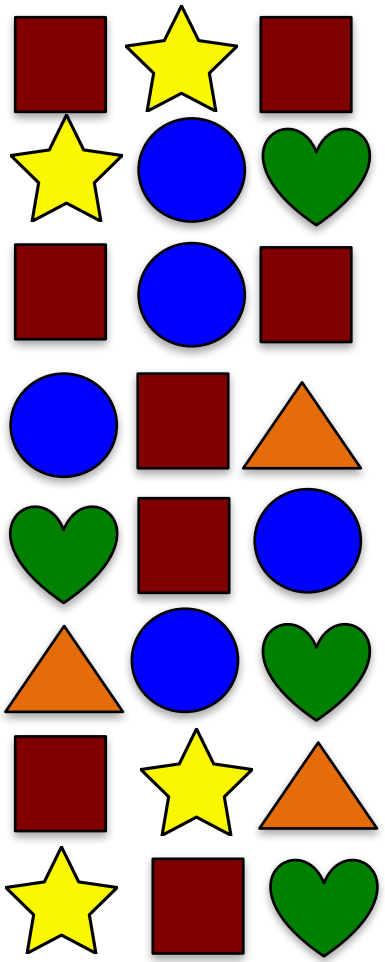
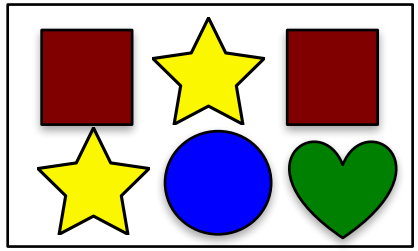
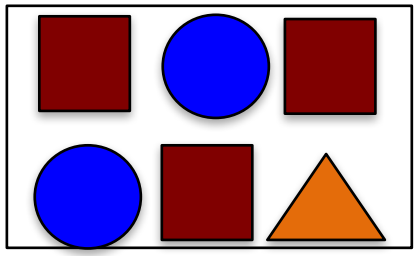
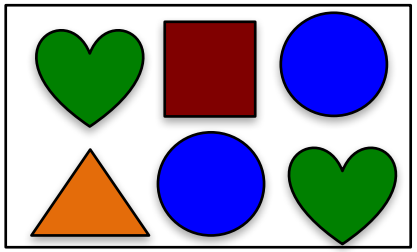


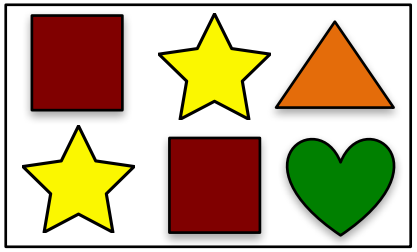
STEP 0 – STORE TO HDFS

Assume 4 data partitions.









1 - MAP

(, 2)
(, 2)
(, 1)
(, 1)

(, 3)
(, 2)
(, 1)

(, 1)
(, 2)
(, 2)
(, 1)

(, 2)
(, 2)
(, 1)
(, 1)

2 – SHUFFLE and SORT

(, 2)
(, 3)
(, 1)
(, 2)

(, 2)
(, 2)
(, 1)
(, 2)
(, 2)

(, 1)
(, 2)
(, 1)
(, 1)
(, 1)
(, 1)

3 - REDUCE

(, 8)
(, 4)
(, 5)
(, 4)
(, 3)