Mapper side join is faster than reducer side join because in mapper side join we are using distributed caches where file is loaded already .So we have one dataset ready to use for join ,then time taken for loading this file while runtime is decreased

When we compare pictures given below, we can compare the time taken by both type joins

If both datasets are big ,we cant use mapside join .In that case we use Reduce side join. Reduce-Side joins are more simple than Map-Side joins since the input datasets need not to be structured. But it is less efficient as both datasets have  
to go through the MapReduce shuffle phase.

