

Worksheet #7: Analysis of Map Reduce Example

Analyze the total WORK and CPL for the Map reduce example:

- Assume that each Map step has WORK = number of input words, and CPL=1
- Assume that each Reduce step has WORK = number of input word-count pairs, and CPL = $\log_2(\# \text{ occurrences for input word with largest } \# \text{ pairs})$

