MapReduce Exercises

1. WordCount. Count the occurrence of each word. Input: A set of text files

Map:

Reduce:

2. Pi Estimation using Monte Carlo Simulation

Map:

Reduce:

3. Image Smoothing. Replace the value of each pixel

Map:

Reduce:

4. PageRank: Find the PR of each page

Propagation Map:

Propagation Reduce

Aggregation Map:

Aggregation Reduce: