

Homework 11: Hadoop Ecosystem

Correct answers are labeled red bold.

Some necessary explanations are labelled blue.

Q1: Which of the following maps input key/value pairs to a set of intermediate key/value pairs.

A. Mapper

B. Reducer

C. Both A and B

(The mapper converts a key/value pair into a set/list of key/value pairs.)

Q2: What is the correct sequence of data flow in MapReduce?

- a. InputFormat
- b. Mapper
- c. Combiner
- d. Reducer
- e. Partitioner
- f. OutputFormat

A. abcdfe

B. abcedf

C. acdefb

D. abcdef

Q3: The total number of partitioners is equal to

A. The number of reducers

B. The number of mappers

C. The number of combiners

D. All of the above