

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. abcdef
- 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