

Q1: What does a MapReduce program consist of?

A complete MapReduce program consists of:

1. A Mapper class
2. A Reducer class
3. An optional Combiner class
4. An optional Partitioner class
5. Job configuration parameters

Q2: What is the relation between the input and output of a mapper, partitioner, and reducer?

The mapper creates pairs of key and value as output.

The partitioner decides which reducer will handle each pair.

The reducer combines and processes these pairs to create the final output.