

Section 4- Multithreading Algorithms and Probabilistic Data Structures

Now that you are done with the videos of section 4, let's assess your learning. Here, are a few questions, followed by a few options, out of which 1 is the correct option. Select the right option and validate your learning! The answers are provided in a separate sheet

Q1.Map/Reduce paradigm allows to split processing of huge data sets that doesn't fit into one machine

- a. yes
- b. no

Q2. Producer/Consumer pattern allows to use...

- a. one producer and multiple consumers
- b. multiple producers and multiple consumers
- c. multiple producers and one consumer
- d. one producer and one consumer

Q3.Probabilistic data structures gives only an estimate, not actual value

- a. yes
- b. no

Q4.Bloom filter can be used..

- a. To optimize number of queries to db
- b. To calculate cardinality of a data set
- c. To optimize HTTP requests
- d. To optimize read timeouts