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CSE427S

CSE427s - 3 [P] MR3: Max
Number of ...

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✓ 1. The default behaviour in a MapReduce execution is that each Reduce task (Reducer) executes the reduce() function <u>exactly once</u>.

(A) True

(B) False

✓ 2. *Maximum parallelism* (executing only one reduce() function per Reduce task) is a good idea.

(A) Yes

(B) No

⊘ 3. Give **one argument** why maximum parallelism (executing only one reduce() function per Reduce task) is not good idea.

Because it wll take a long time to transfer the intermediate files. If we have 1 reducer, a partition in a node will be read and transfered to one reducer. If we have n reducers that take care of one key respectively, this partition will be read into different key values and transferd n times to n reducers.