

## Programming Assignment #2

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## 1 PART 3

In this part we implemented read optimizations. We classify every command received from the client as a read or write command. Write commands are *create*, *insert*, *update*, *drop* and *truncate*. If the command is a read command, it is executed locally by the server and the response is returned to the client. Else, if it is a write command, the solution of Part 2 was made use of where a coordinator coordinates requests between all the servers.

This program is tested with all the test cases of the previous two assignments. Only test 16 fails sometimes as the reads are done immediately whereas the previous asynchronous coordinated writes may not have completed.