HOW TO RUN:

Step 1) Run the Server.

Once started it will enter an infinite loop, in which is possible to enter various commands. Type “shutdown” to terminate the Server.

Step 2) while having the Server running on a terminal window, open a second terminal to help visualise the results of the commands on the separate window.

Commands:

- create\_database.sh requires an argument specified after it

ex. ./create\_database.sh folder\_name

- create\_table.sh requires 3 arguments specified, the folder name, the table name and the columns names.

ex. ./create\_table folder name table\_name col1,col2,col3

- insert\_data.sh requires 3 arguments, the folder name, the table name and the values of the tuple to insert there has to be a corresponding amount of columns in the file

ex. ./insert\_data.sh folder name table name val1,val2.val3

- query.sh if user enters 2 arguments it prints the corresponding table. If user inputs 3 arguments it checks if the number in the 3rd argument corresponds to a column number and displays it.

ex. ./query.sh folder\_name table\_name 2,3

Step 3) to request info from the server, the query will be entered from the client side. It will be then computed by the server in background, to return the desired answer.

type "exit" to exit the client(s)

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