JSON DATA TYPE

Database Management Systems

MSCS_542L_256_23S

Super Six

Marist College

School of Computer Science and Mathematics

Submitted To: Dr. Reza Sadeghi

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Report of JSON DATA TYPE SQL Files

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Super Six

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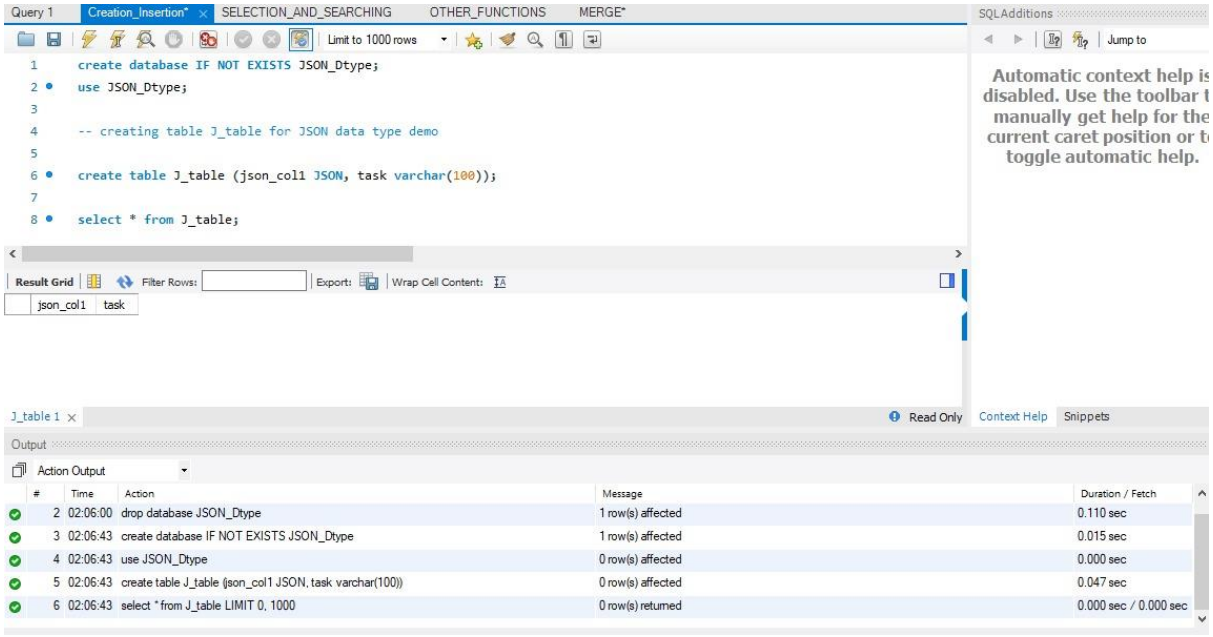
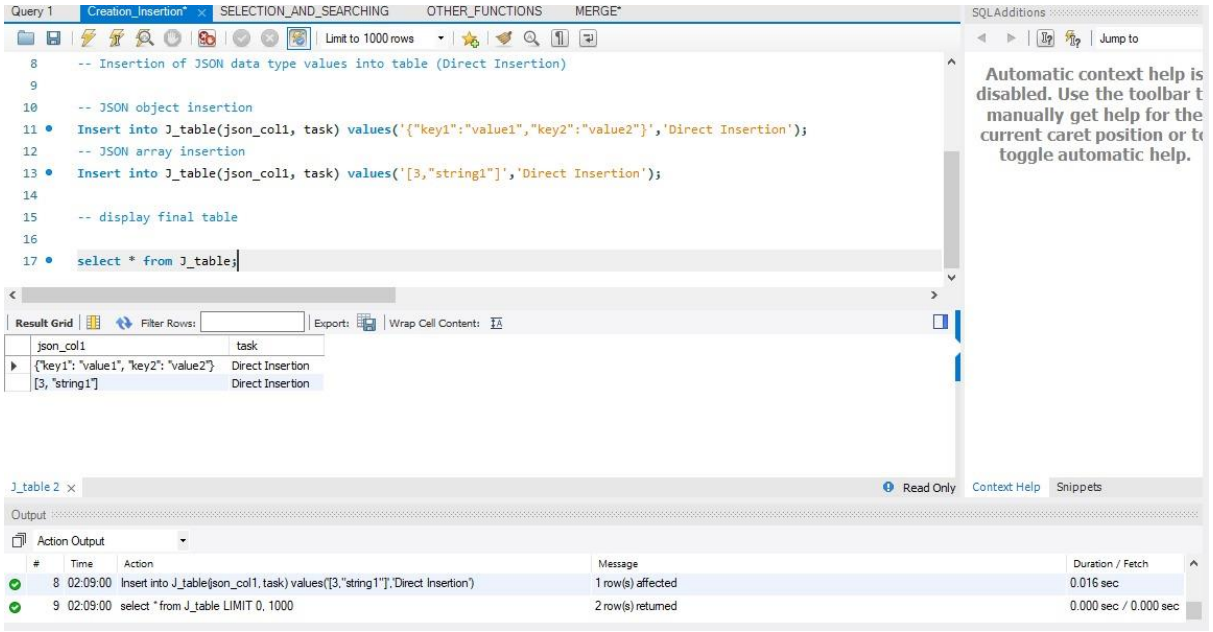
Creation:

We created the JSON data type using the command “create table J_table (json_col1 JSON, task varchar(100))”. We use the keyword JSON as data type for antialiasing the attribute.

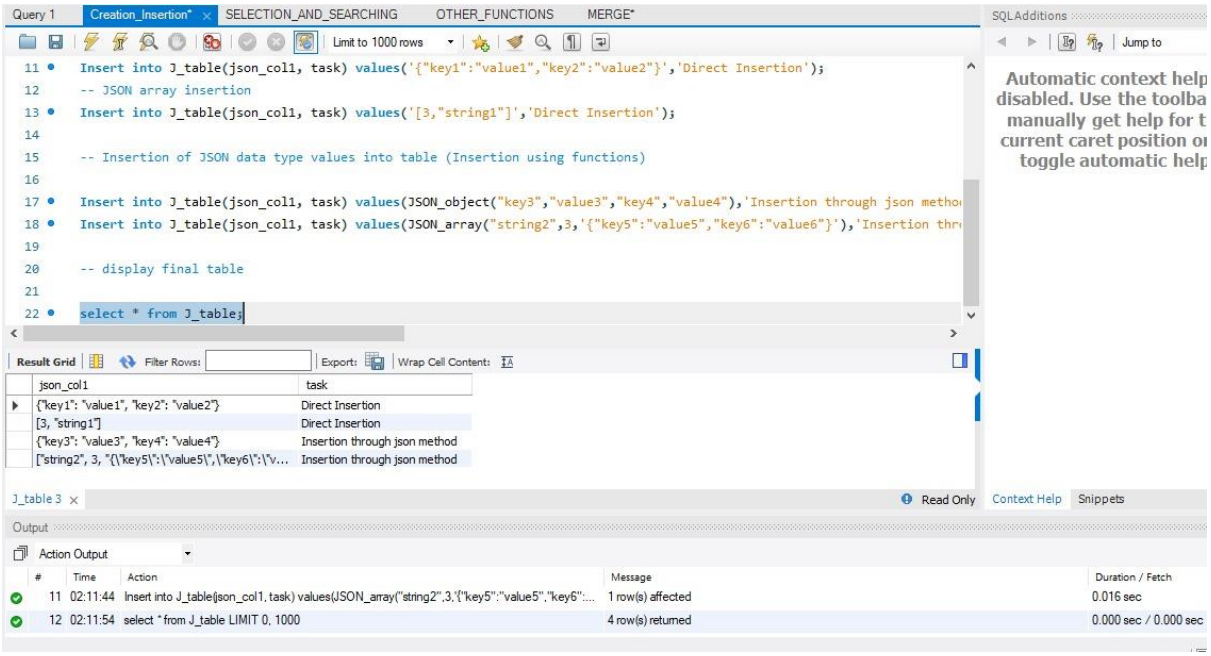


Insertion:

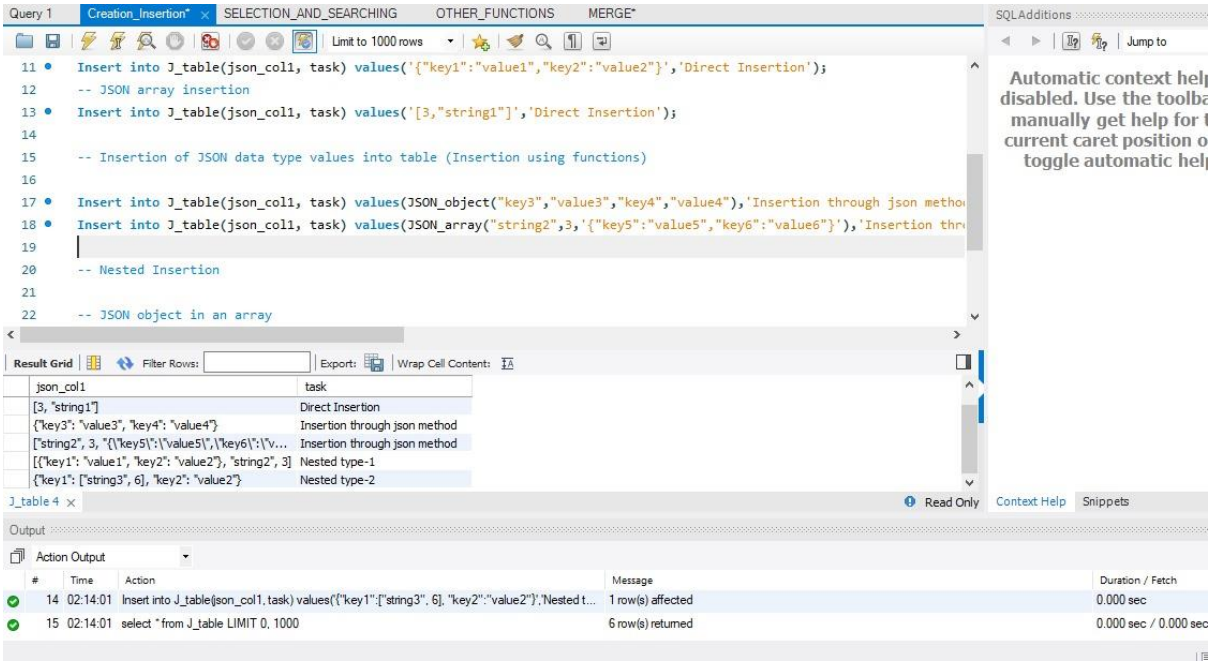
Direct Insertion



Insertion using functions

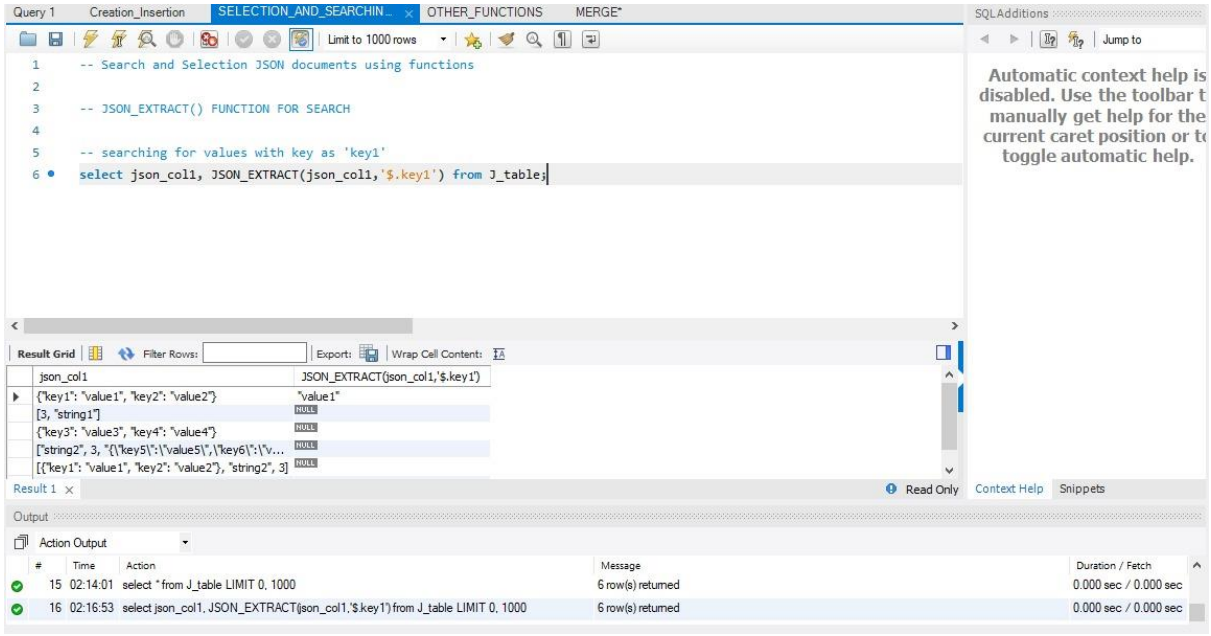


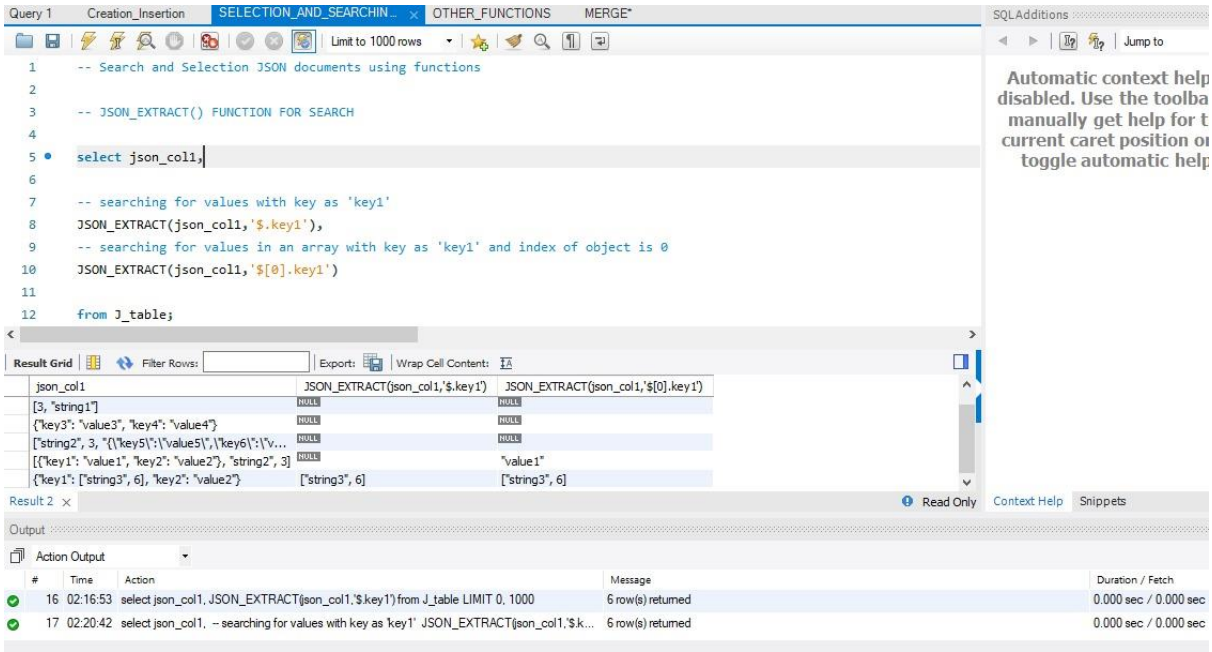
Nested Insertion



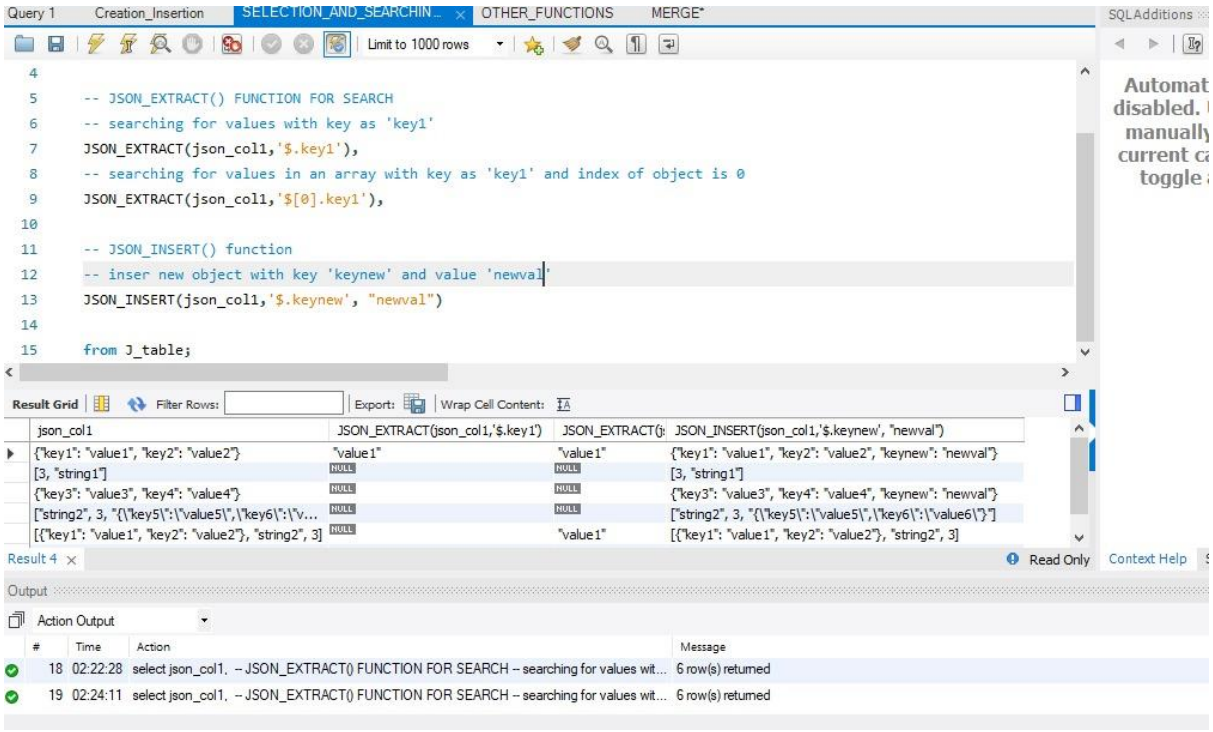
Selection and Search:

JSON_EXTRACT( )

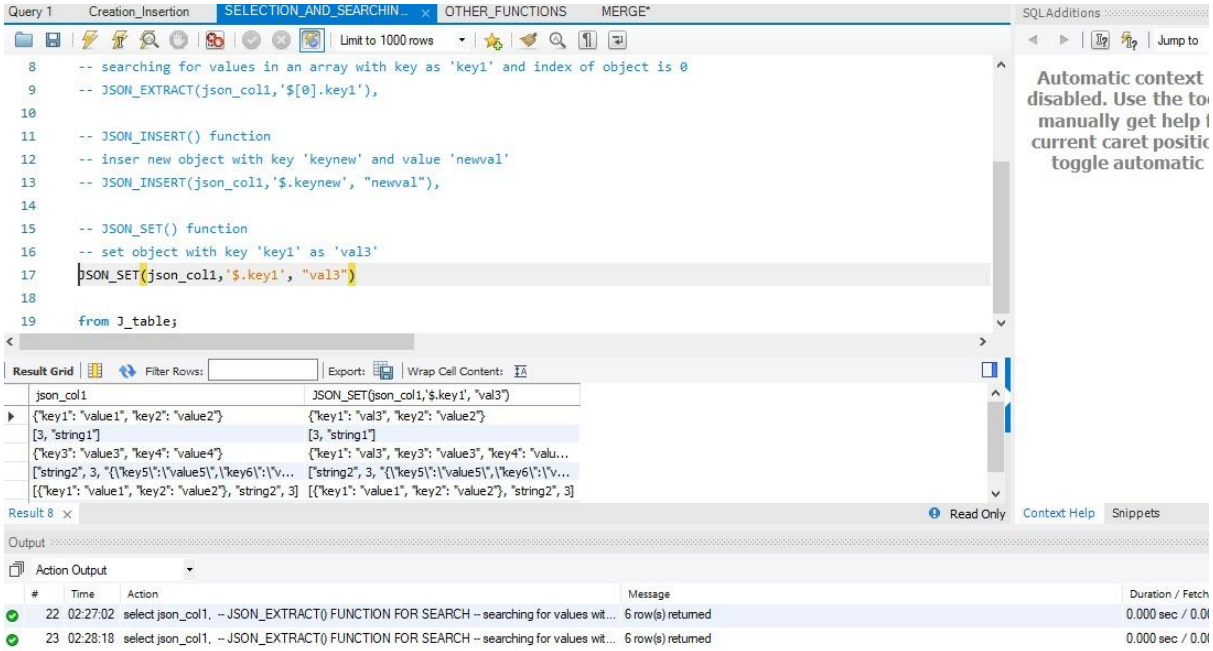




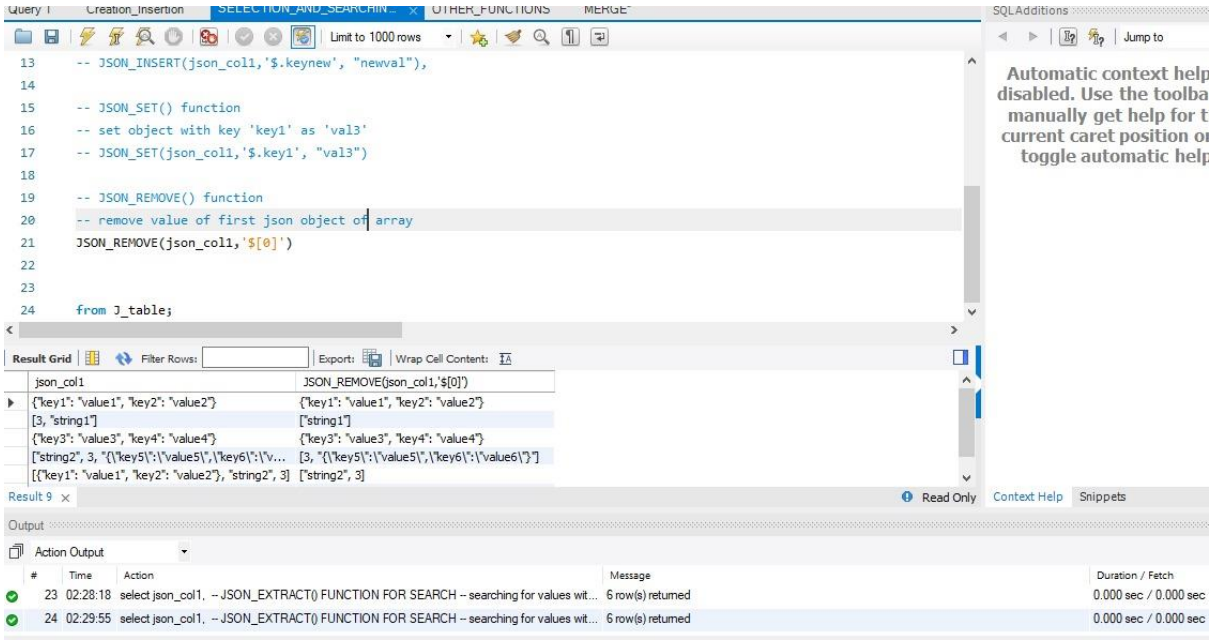
JSON_INSERT( )



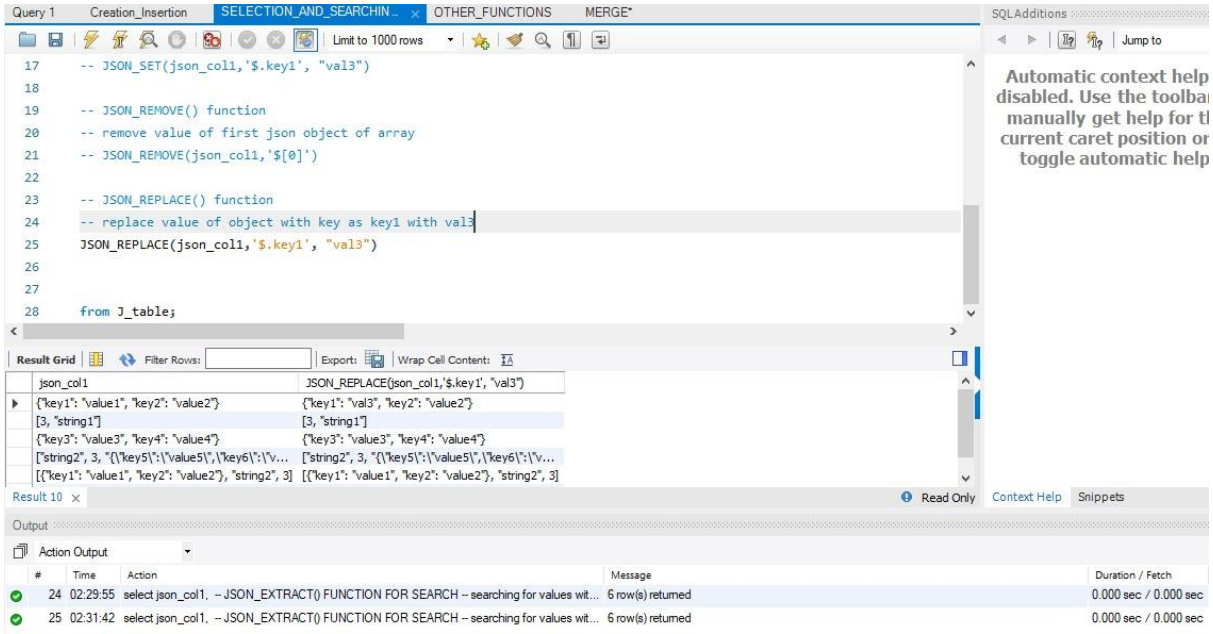
JSON_SET( )



JSON_REMOVE( )



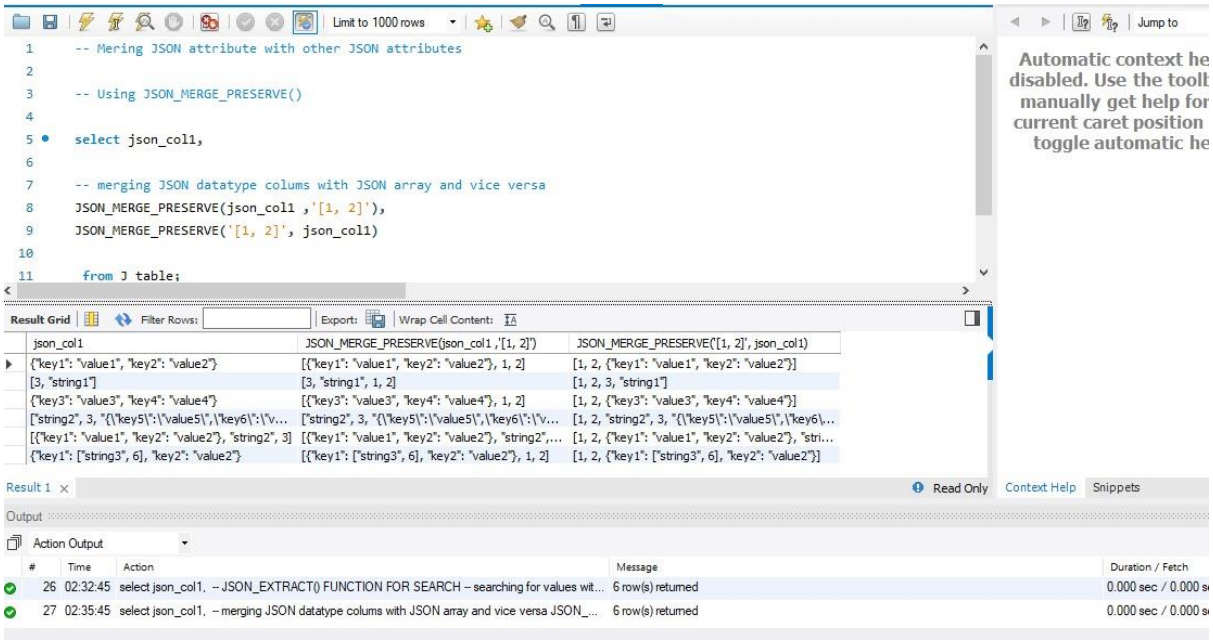
JSON_REPLACE( )



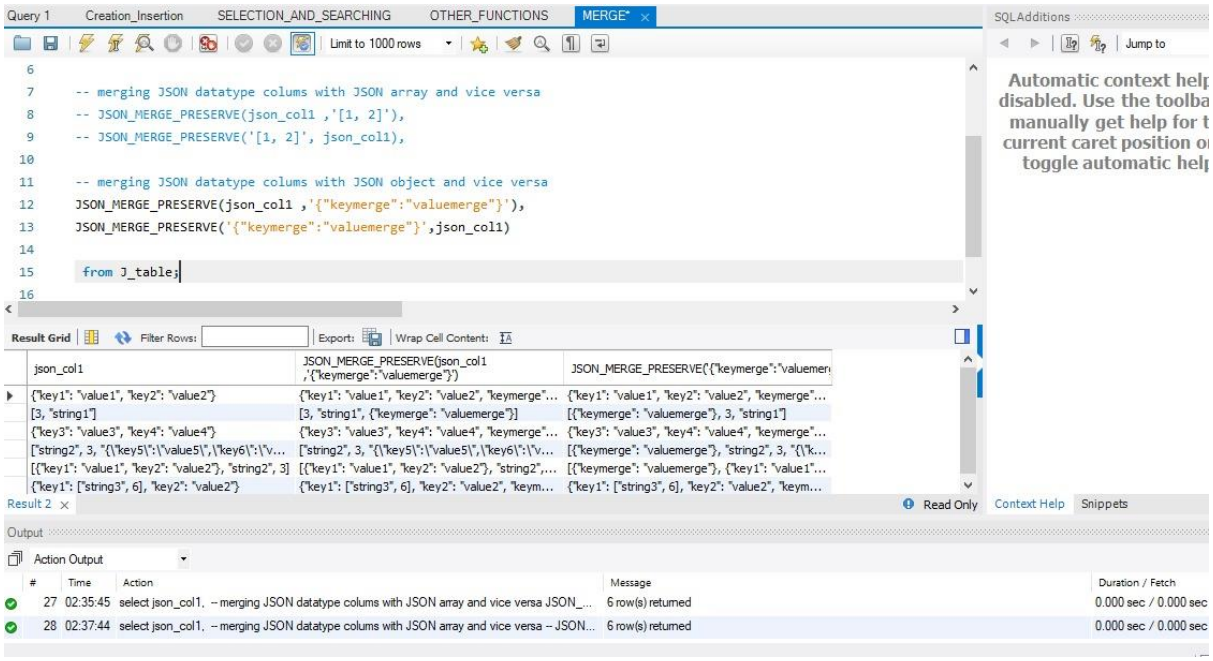
Merge:

JSON_MERGE_PRESERVE( )

Merging JSON data type columns with JSON array and vice versa

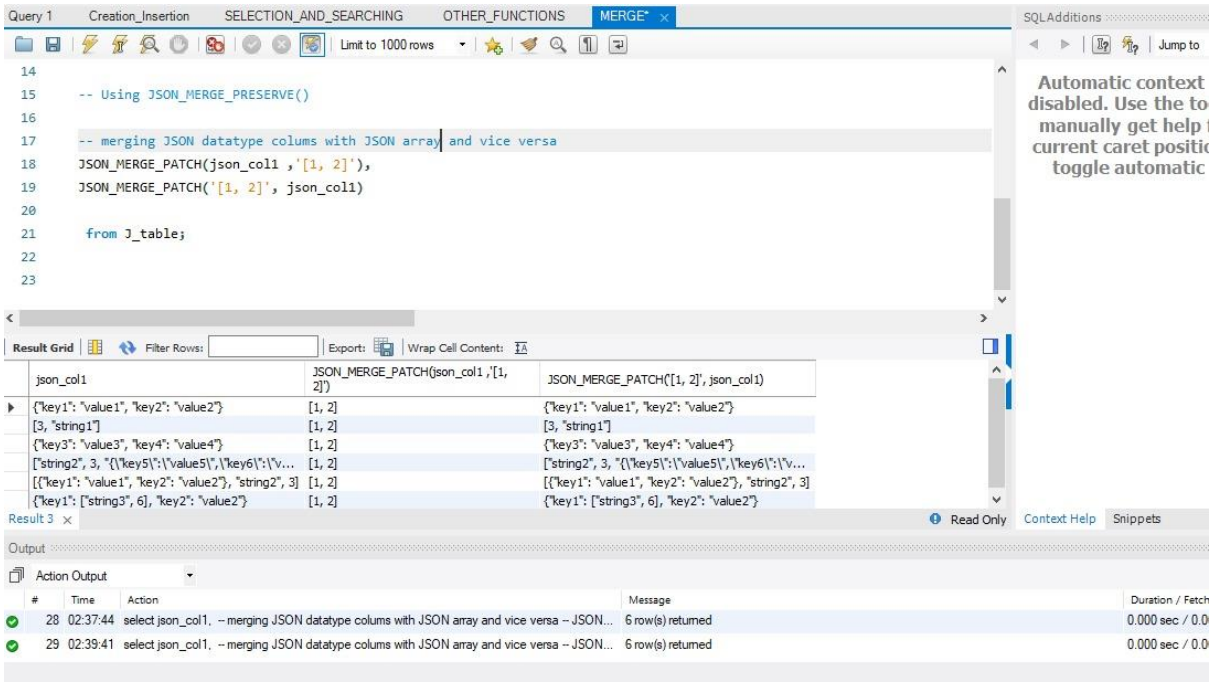


Merging JSON data type columns with JSON object and vice versa

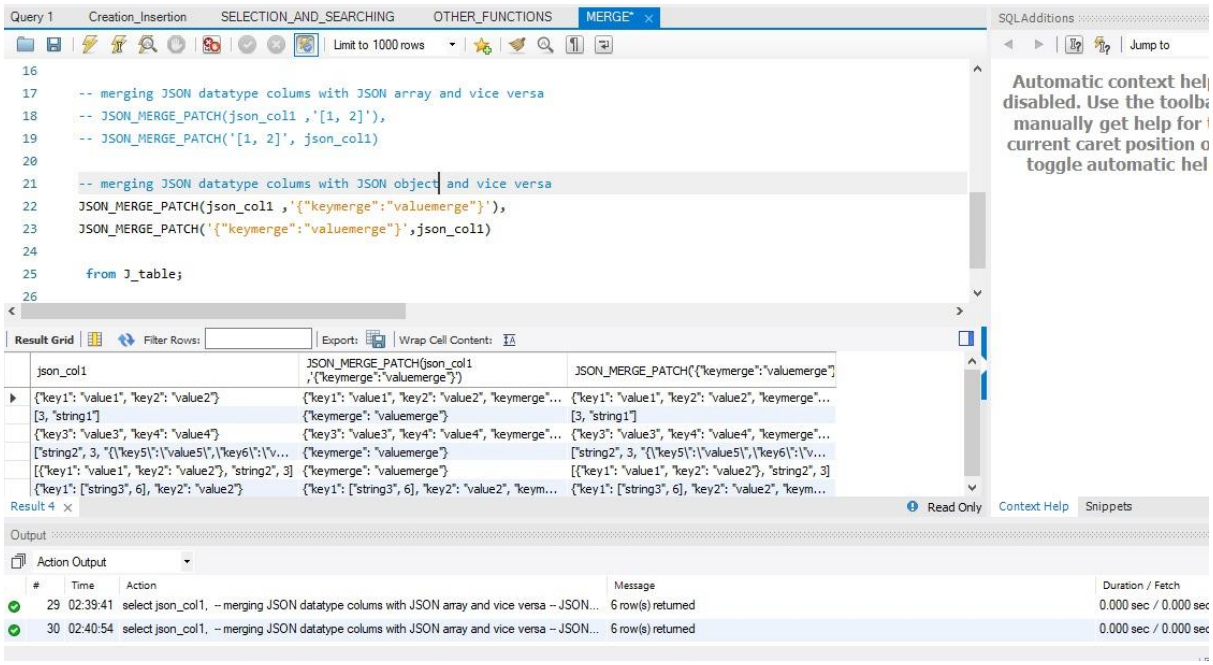


JSON_MERGE_PATCH( )

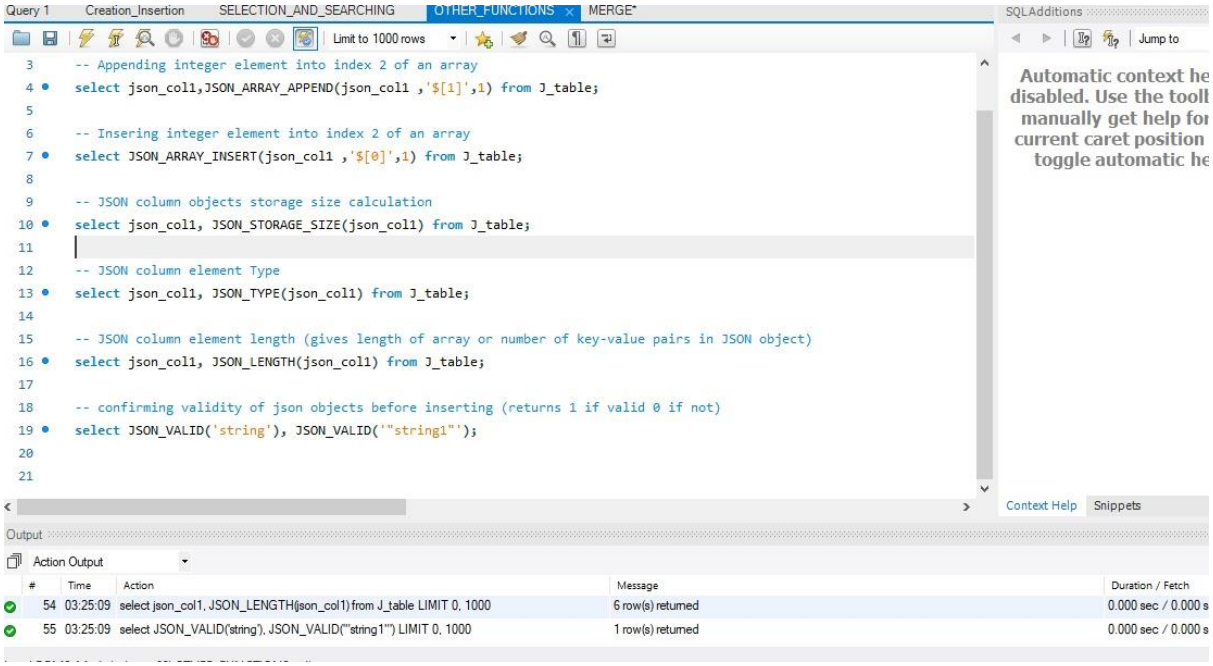
Merging JSON data type columns with JSON array and vice versa



Merging JSON data type columns with JSON object and vice versa



Other Functions:



GitHub repository address:

https://github.com/PradeepReddy-Baireddy/MSCS_542L_256_23S_College-Data-Management-System_Super-Six