VERSION 0   COSC 471/571 SQL Syntax
simplified from the MySQL 8.0 Reference manual **at https://dev.mysql.com/doc/refman/8.0/en/**

These SQL statements are specifically part of the DML (Data Manipulation Language:
https://dev.mysql.com/doc/refman/8.0/en/sql-syntax-data-manipulation.html


```
[ ]     indicates optional
 |      indicates alternative
 …      indicates repetition
italic  indicates non-terminal symbol
```


Note: the WITH clause can simplify SQL statements:
        https://dev.mysql.com/doc/refman/8.0/en/with.html


```
SELECT  [ALL │ DISTINCT │ DISTINCTROW ]
        select_expr [, select_expr ...]

        [FROM table_references ]

        [WHERE where_condition]

        [GROUP BY {col_name │ expr }, ...]

        [HAVING where_condition]

        [ORDER BY col_name [ASC │ DESC], … ]

        [INTO OUTFILE 'file_name']
```

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```
INSERT
        [INTO] tbl_

        {VALUES │ VALUE} (value_list) [, (value_list)] ...
```


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```
DELETE
        FROM tbl_name
        [WHERE where_condition]
```