IS664 Database Programming Fall 2021

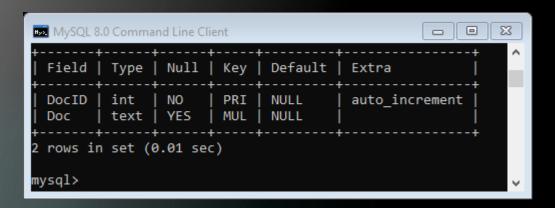


Full Text Search Exercise

USING TEXT SEARCH SCORING IN MYSQL

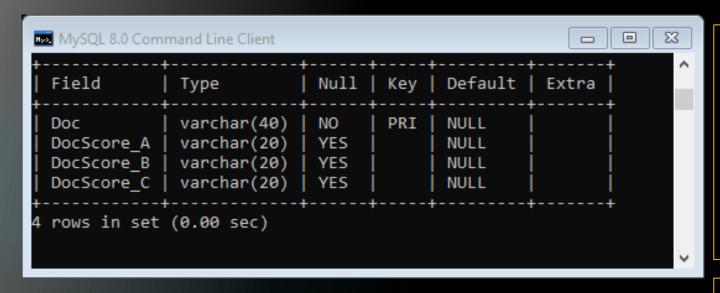
General

- Execute the script provided to build the docText database.
- The docText database consists of a single table documents containing a series of text documents about submarines in the US Navy.



Task

 Create a stored procedure named wordCounter which accepts three parameters and creates/displays the docScoring table. The DocID and the TD-IDF score for each specified parameter for each document in the documents table is contained in the docScoring table.



- Your stored procedure must utilize one or more cursors for all data retrieval.
- You may not utilize any SELECT INTO statements.
- You must utilize a Full Text Search operation in this procedure.

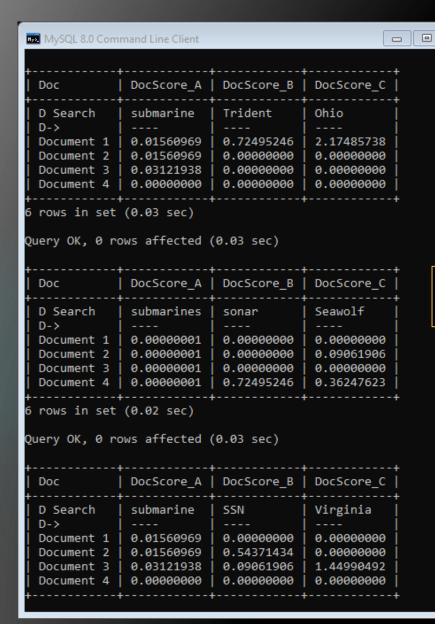
Call the procedure with the parameters

- 1. 'submarine', 'Trident', 'Ohio'
- 2. 'submarines', 'sonar', 'Seawolf'
- 3. 'submarine', 'SSN', 'Virginia'

 For a refresher on Full Text Search see your lecture slides and/or go here

https://dev.mysql.com/doc/refman/8.0/en/full text-natural-language.html

Expected Output



 The docScoring table should display as shown for each procedure call.