IS 664 Fall 2021

Imperial_defense

PRACTICE FINAL EXAM
STORED PROCEDURES

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GENERAL

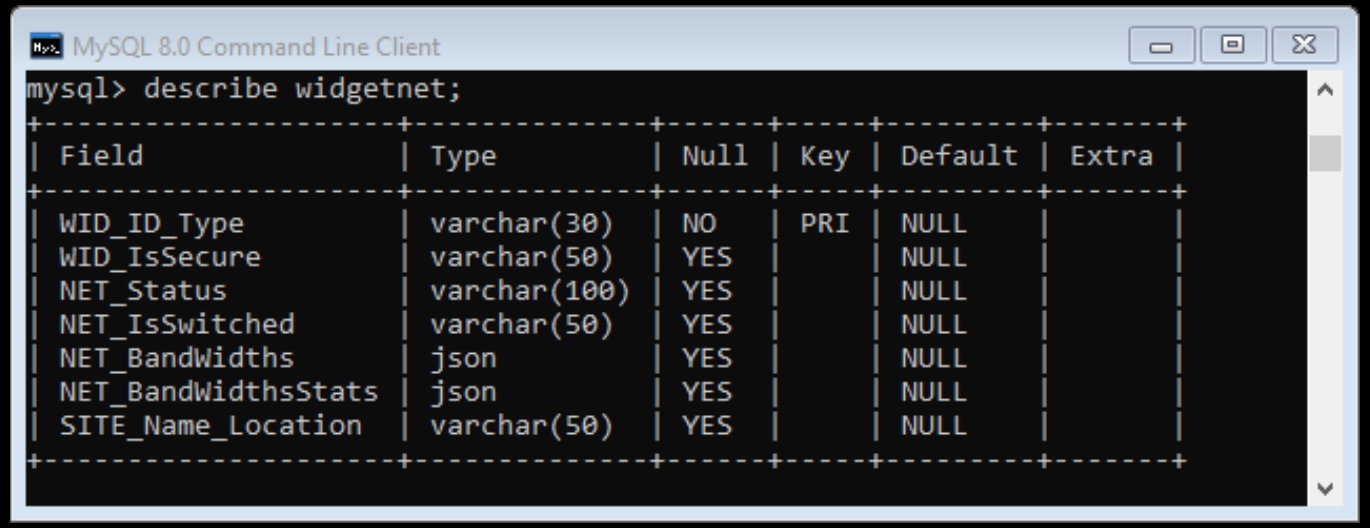
- This is your PRACTICE FINAL EXAM.
- You receive 10 points for a CORRECT solution.
- Read the task carefully and write the code necessary to create the defined Stored Procedure.
- Create a single SQL script containing all the code for the Task.
- The Stored Procedure MUST be created in the imperial_defense database.
- The Stored Procedure MUST utilize one or more cursors to retrieve all required data and MAY NOT have hardcoded values.
- You MAY NOT use any SELECT …INTO statements in your procedure.
- The Stored Procedure MAY INCLUDE user-defined and native functions.
- Utilize your MySQL documentation.
- Be conscious of good style and eliminate extraneous code from your SQL script.
- The PRACTICE EXAM is due on Thursday Dec 16th at 6 PM.

TASK

Create the stored procedure widgetNetworkAnalysis which accepts two parameters and creates/ populates/displays the table widgetNET.

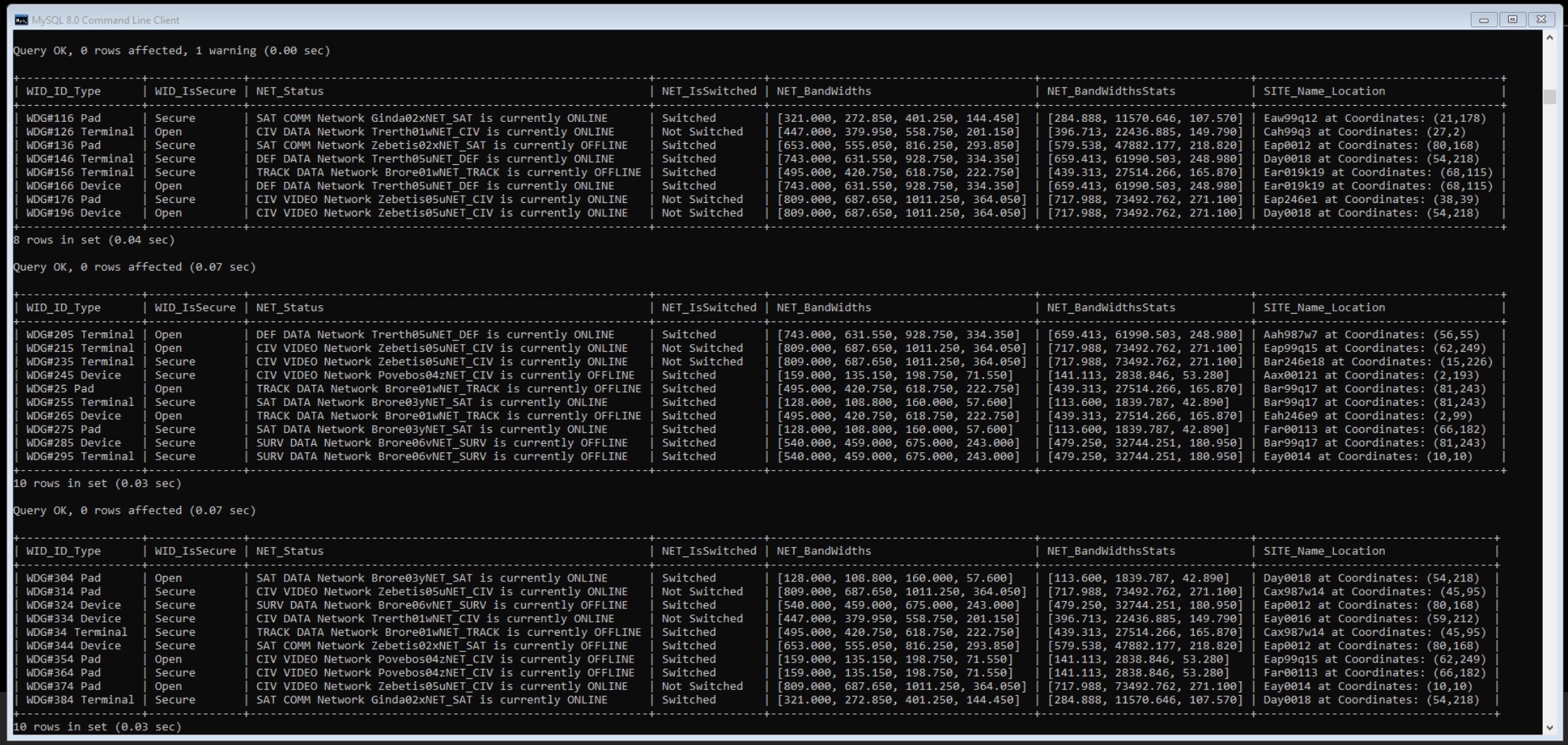
Parameter 1: The first number in the WID of the Widget.

Parameter 2: The last number in the WID of the Widget.



- **NET_Bandwidths** consists of the Network Bandwidth, OptimumBW, MaxBW, and MinBW attributes.
- **NET_BandwidthsStats** consists of the mean, variance, and standard deviation of the Network Bandwidth, OptimumBW, MaxBW, and MinBW attributes.

EXPECTED OUTPUT

Call the procedure with the following parameters

CALL widgetNetworkAnalysis(**1,6**); CALL widgetNetworkAnalysis(**2,5**); CALL widgetNetworkAnalysis(**3,4**);