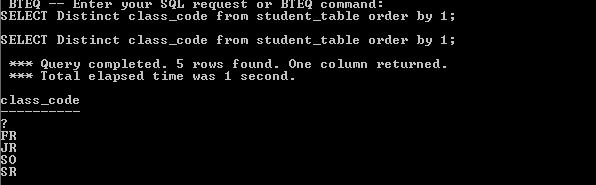
**LAB 02**

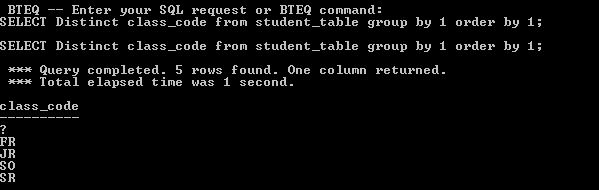
**Distinct Vs Group By Functions**

**Distinct Command**

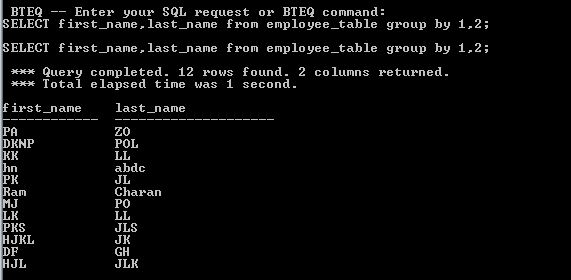
It eliminates duplicates from returning in answer sheet

****

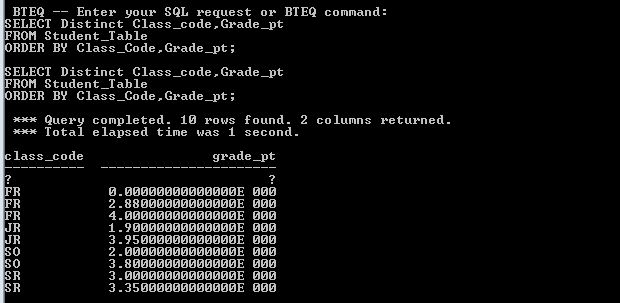
**Distinct vs Group BY**

****

**Group BY vs Distinct**

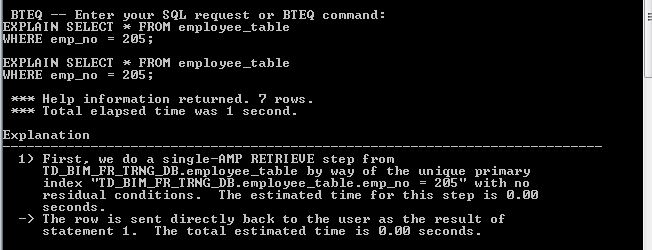
****

**ORDER BY**

****

**EXPLAIN**

Unique Primary Index

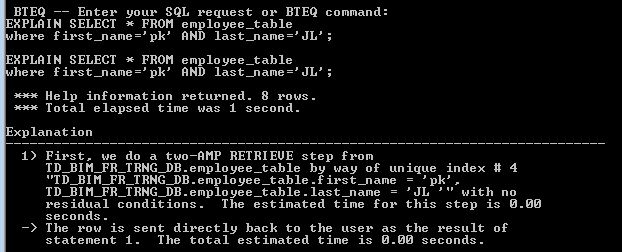
****

Non-Unique Primary Index



**Unique Secondary Index**

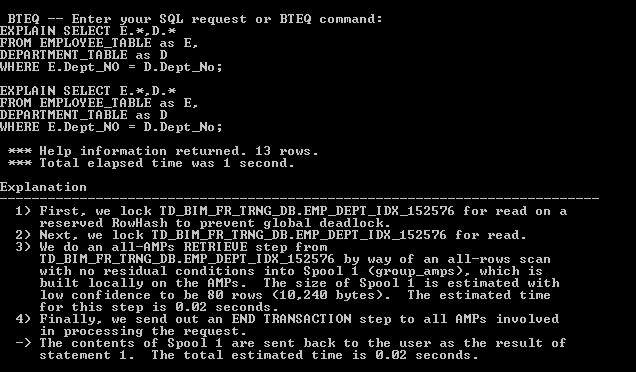




EXPLAIN- Redistributed to ALL-AMP’s

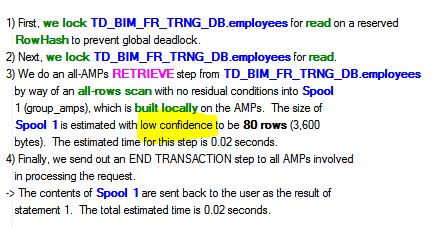


EXPLAIN- ROW HASH MATCH SCAN

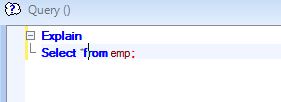


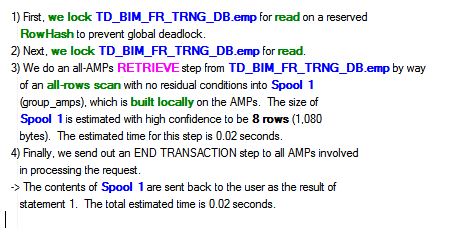
**EXPLAIN – LOW CONFIDENCE**



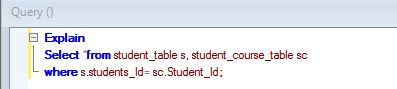


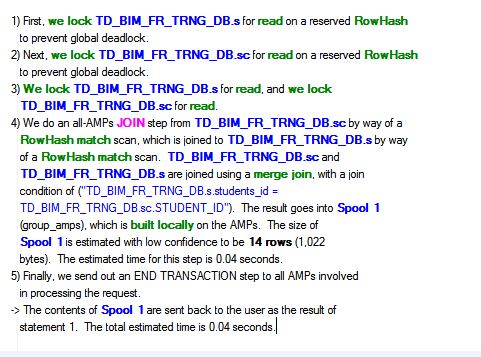
**EXPLAIN – High Confidence**



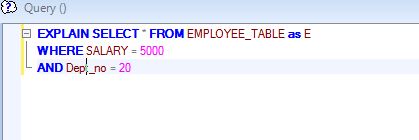


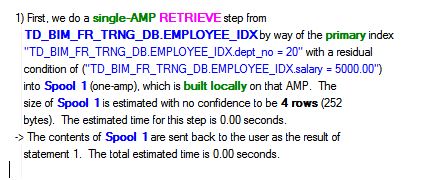
**EXPLAIN – Product Join**



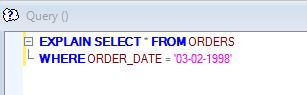


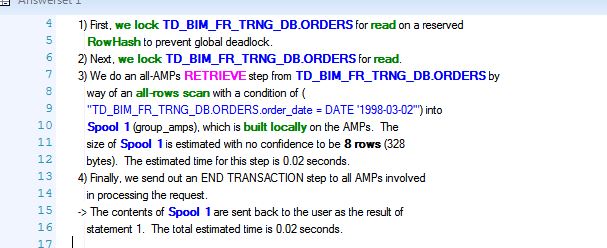
**EXPLAIN- BMSMS**



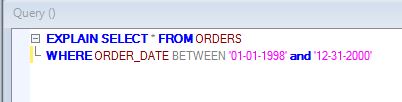


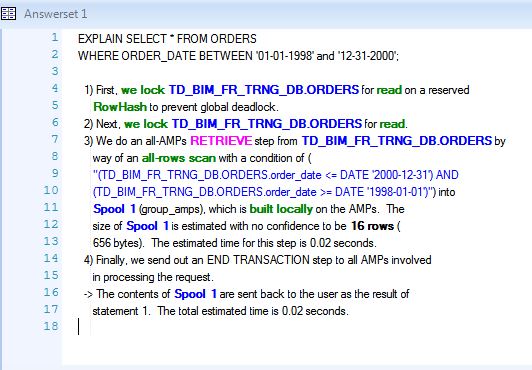
**EXPLAIN – From Single Partitions**



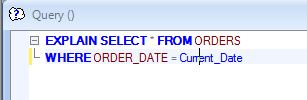


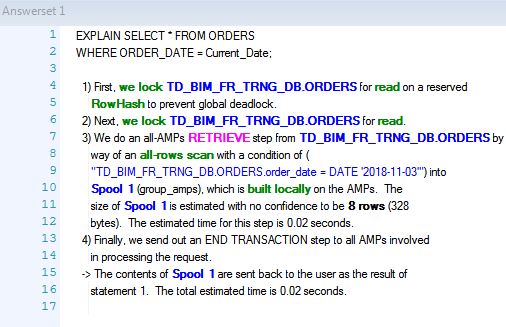
**EXPLAIN – From N Partitions**





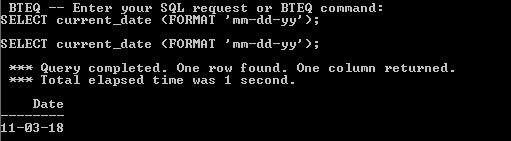
**EXPLAIN – Partitions and Current\_Date**



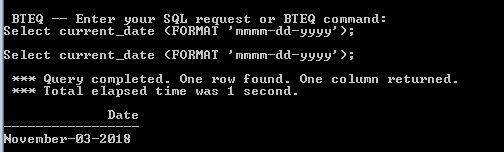


**FORMAT FUNCTIONS**

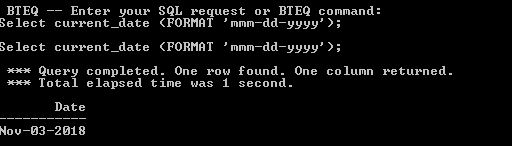
FORMAT COMMAND



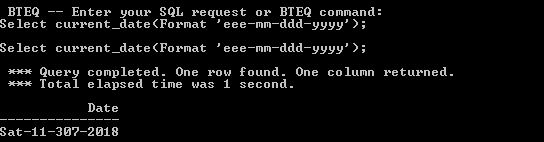
Formatting with MMMM



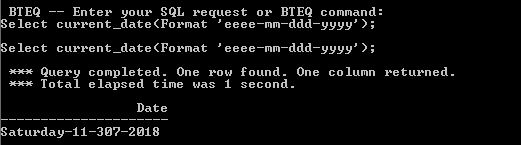
Formatting with MMM

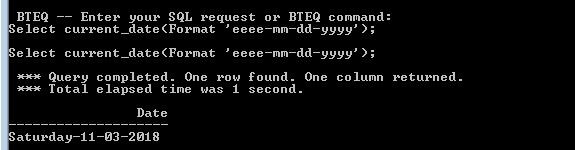


Formatting with EEE for Day of week

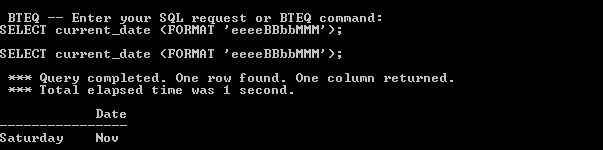


Formatting with EEEE for Day of week

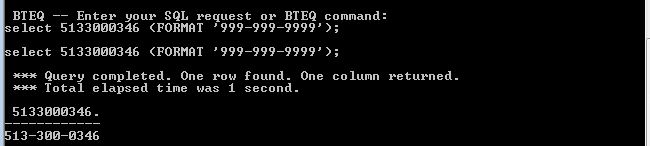


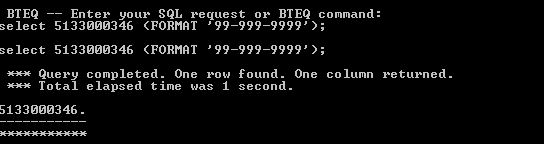


Formatting Spaces with B or b

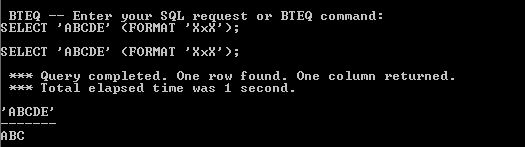


Formatting with 9

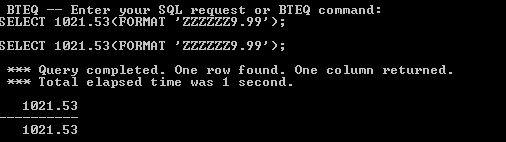




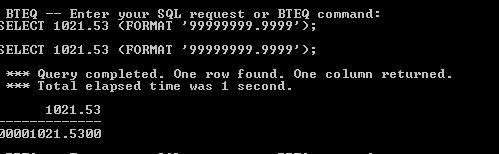
Formatting with X or x



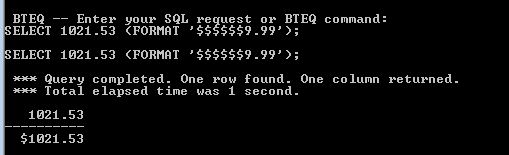
Formatting with Z Visual



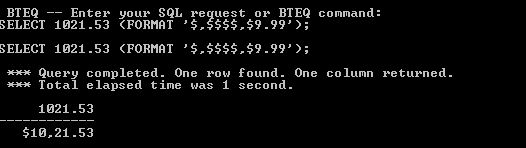
Formatting with 9



Formatting with $



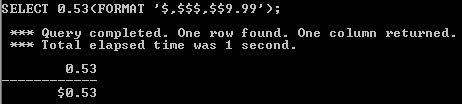
Formatting with $ and Commas



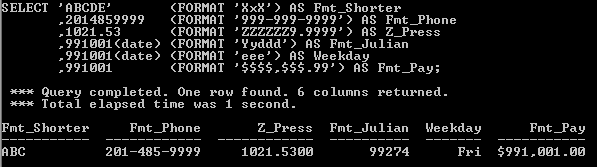
Formatting with $ and Commas and 9



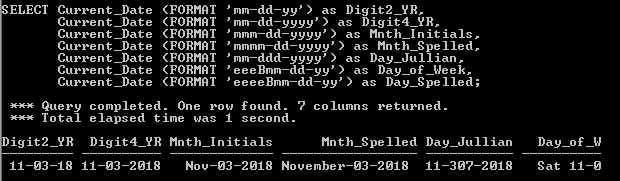
**Formatting with $ and commas and 9 with zero dollars**



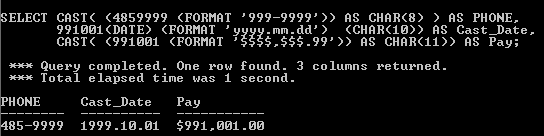
**A Great Formatting Example**



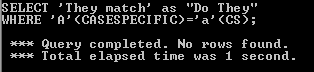
**A great example to perform format operations on day, month and year**

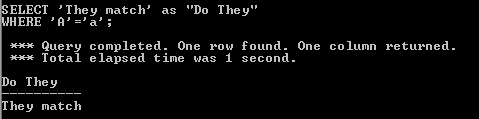


**A trick to get sql assistant to get format data**

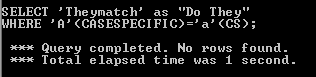


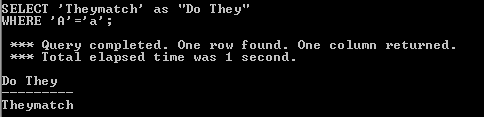
**USING THE CASESPECIFIC(CS) COMMAND IN TERADATA**



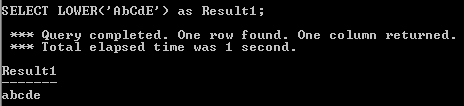


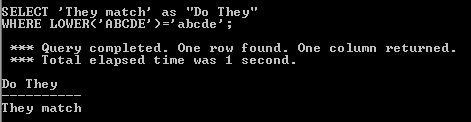
**USING THE NOT CASESPECIFIC COMMAND IN ANSI MODE**



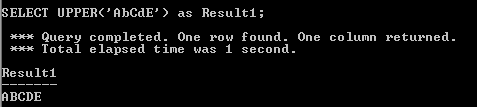


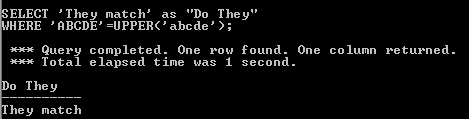
**USING THE LOWER COMMAND**





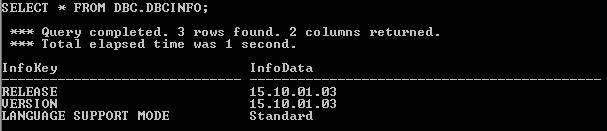
**USING THE UPPER COMMAND**



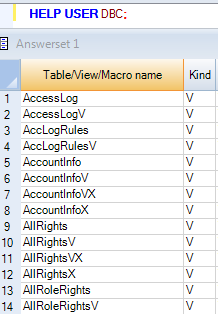


**HELP AND SHOW COMMANDS**

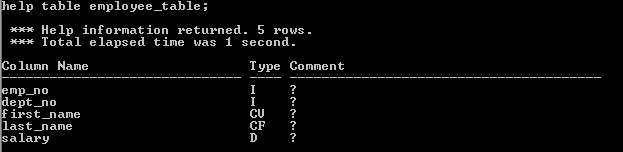
**Determining the release of your terdata system**



**HELP USER**

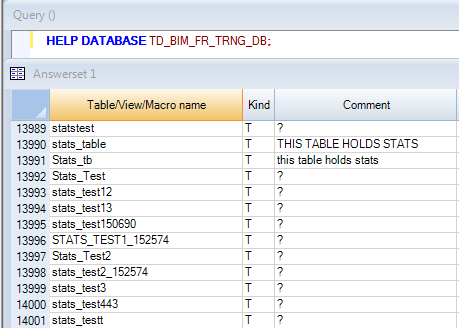


**HELP TABLE**



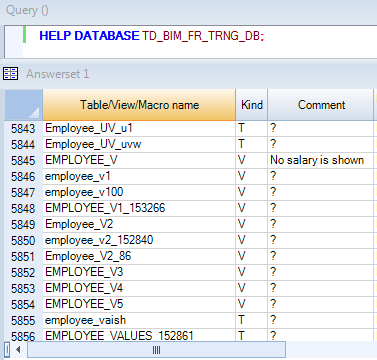
**ADDING COMMENT TO A TABLE**



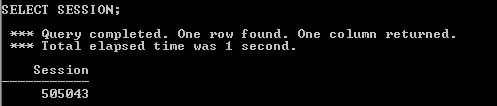


**ADDING COMMENT TO A VIEW**

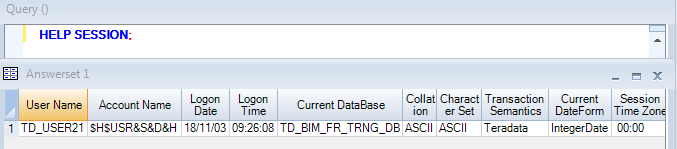




**SELECT SESSION**

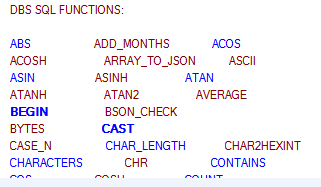


**HELP SESSION**

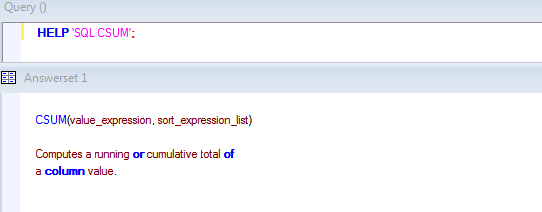


**HELP SQL**

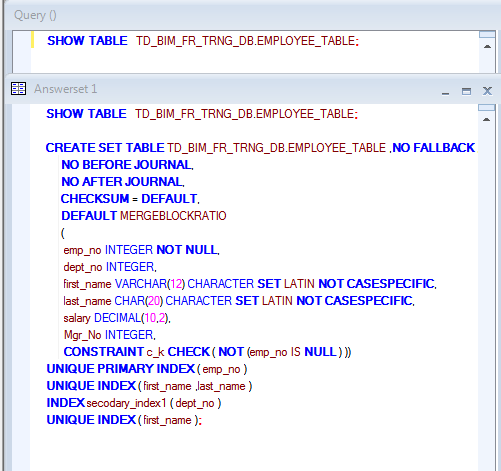




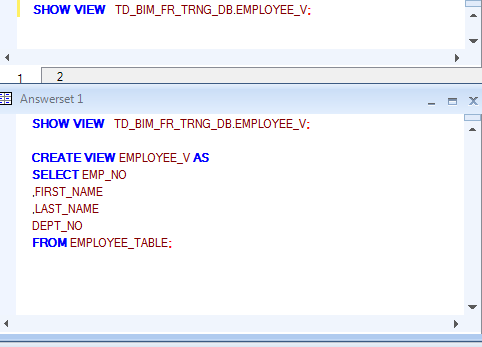
**A HELP SQL EXAMPLE**



**SHOW TABLE COMMAND FOR TABLE DDL**

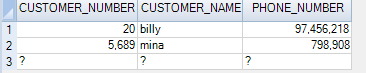


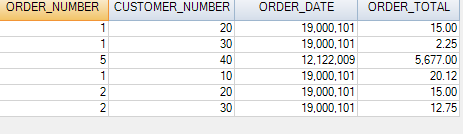
**SHOW VIE COMMAND FOR VIEW CREATE STATEMENT**

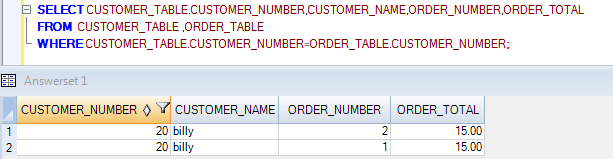


**JOIN FUNCTIONS**

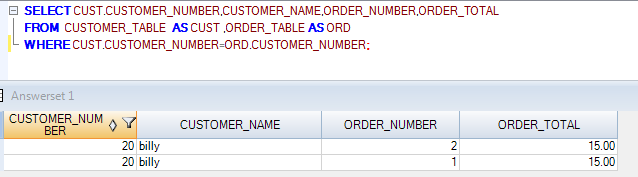
**A TWO TABLE JOIN USING NON\_ANSI SYNTAX**

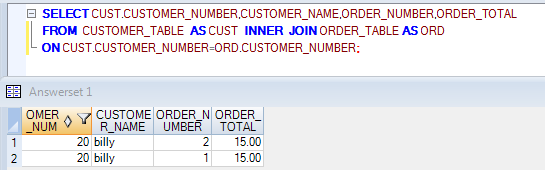




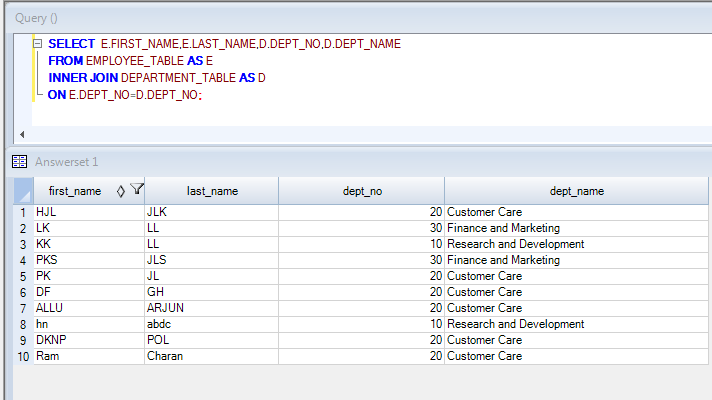


**A TWO TABLE JOIN USING NON\_ANSI SYNTAX WITH TABLE ALIAS**

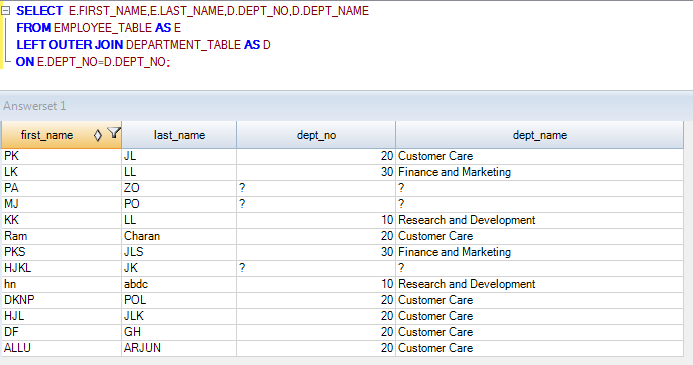




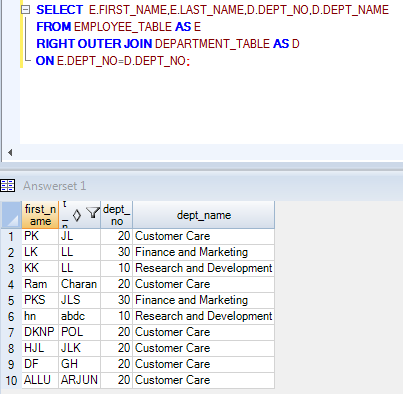
**INNER JOIN**



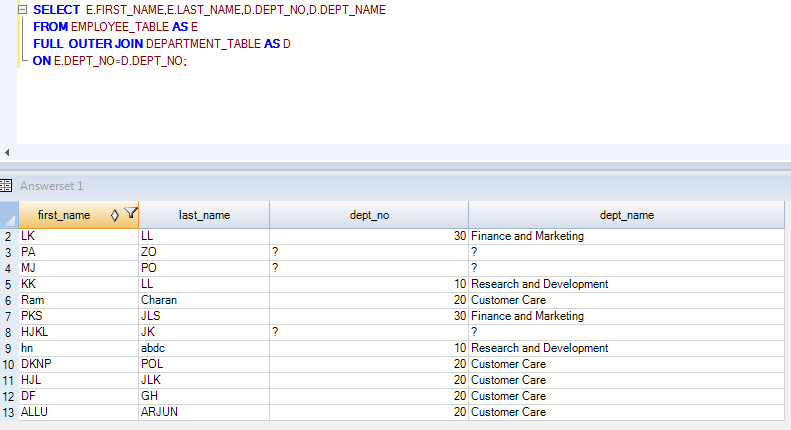
**LEFT OUTER JOIN**



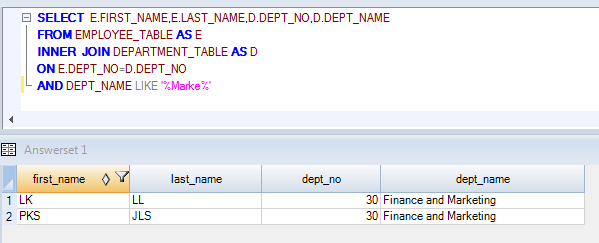
**RIGHT OUTER JOIN**



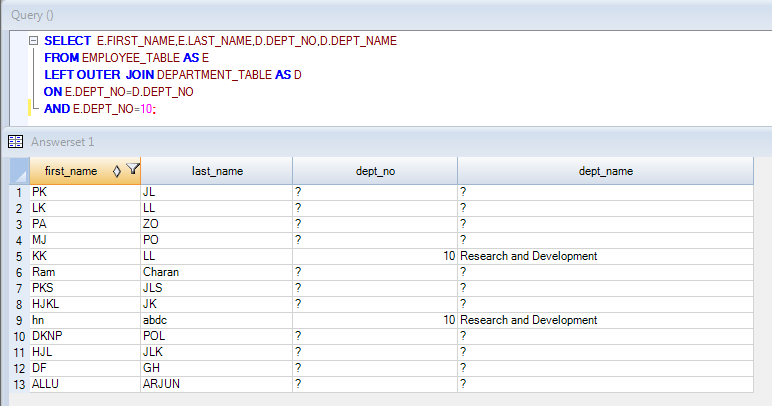
**FULL OUTER JOIN**



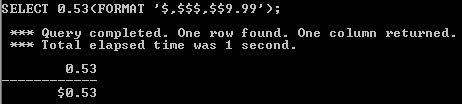
**ANSI INNER JOIN WITH ADDITIONAL AND CLAUSE**



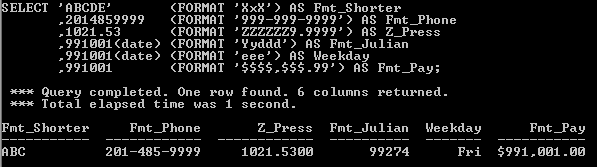
**OUTEER JOIN WITH ADDITIONAL AND CLAUSE**



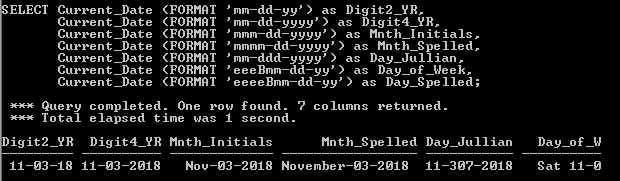
**Formatting with $ and commas and 9 with zero dollars**



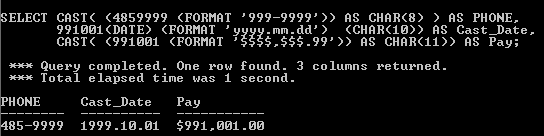
**A Great Formatting Example**



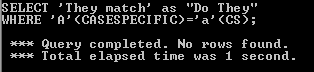
**A great example to perform format operations on day, month and year**

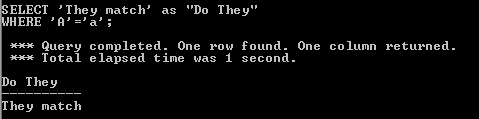


**A trick to get sql assistant to get format data**

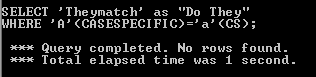


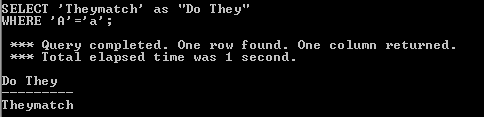
**USING THE CASESPECIFIC(CS) COMMAND IN TERADATA**



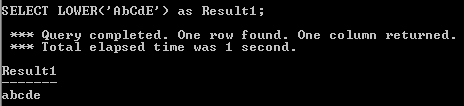


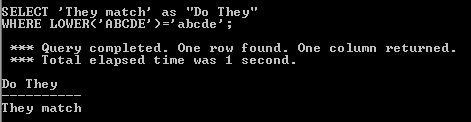
**USING THE NOT CASESPECIFIC COMMAND IN ANSI MODE**



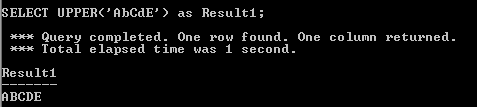


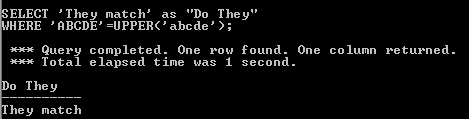
**USING THE LOWER COMMAND**





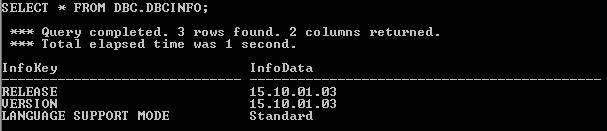
**USING THE UPPER COMMAND**



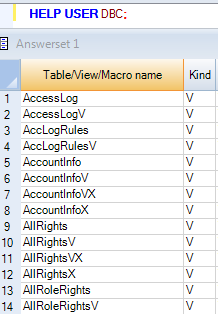


**HELP AND SHOW COMMANDS**

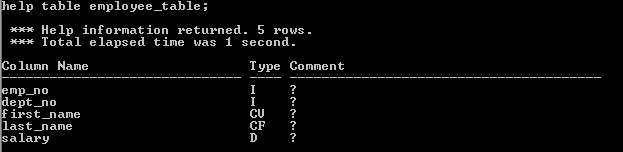
**Determining the release of your terdata system**



**HELP USER**

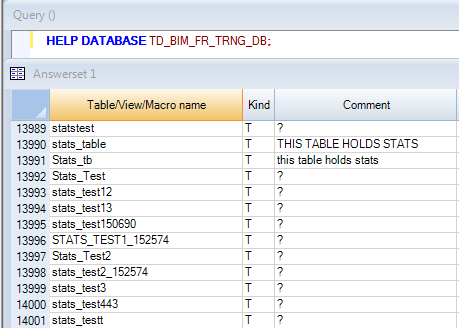


**HELP TABLE**



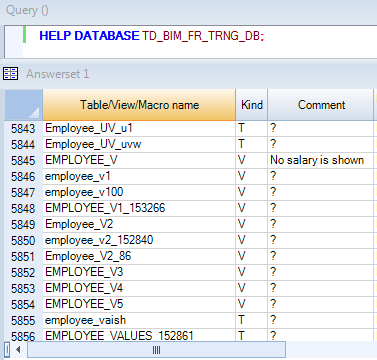
**ADDING COMMENT TO A TABLE**



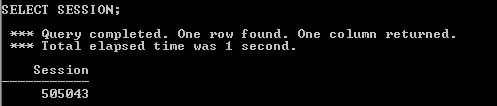


**ADDING COMMENT TO A VIEW**

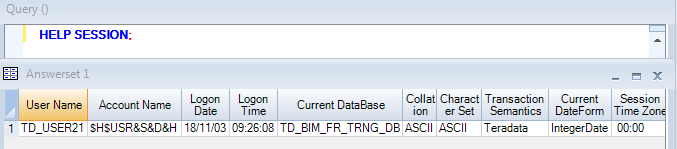




**SELECT SESSION**

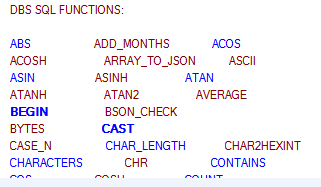


**HELP SESSION**

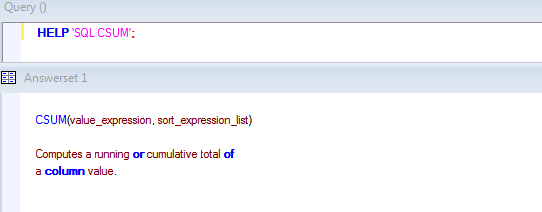


**HELP SQL**

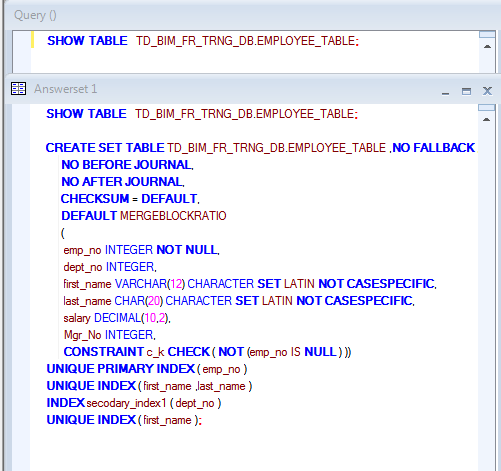




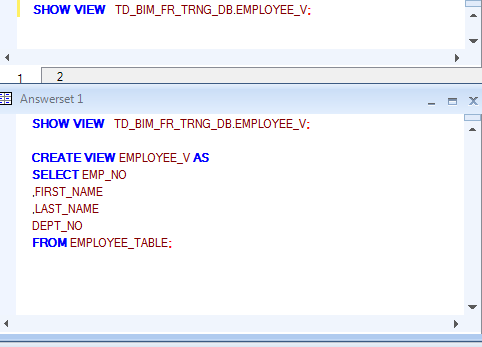
**A HELP SQL EXAMPLE**



**SHOW TABLE COMMAND FOR TABLE DDL**

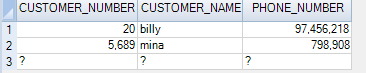


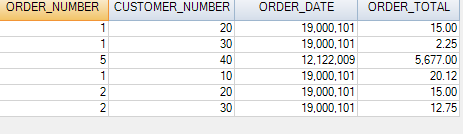
**SHOW VIE COMMAND FOR VIEW CREATE STATEMENT**

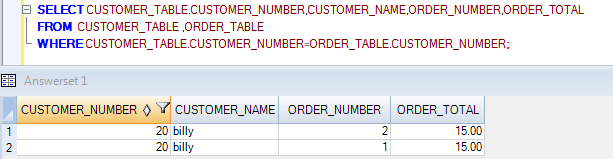


**JOIN FUNCTIONS**

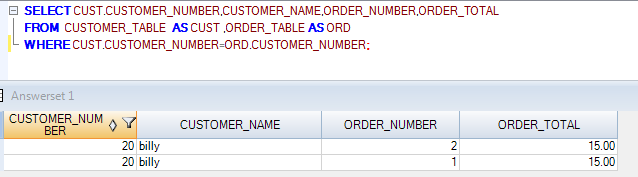
**A TWO TABLE JOIN USING NON\_ANSI SYNTAX**

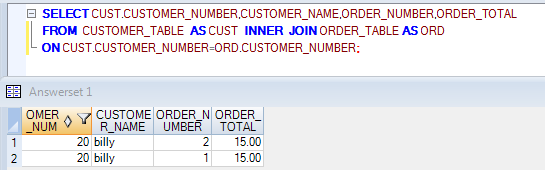




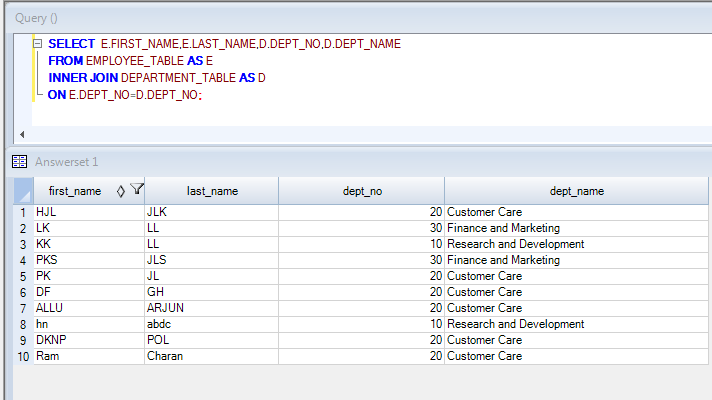


**A TWO TABLE JOIN USING NON\_ANSI SYNTAX WITH TABLE ALIAS**

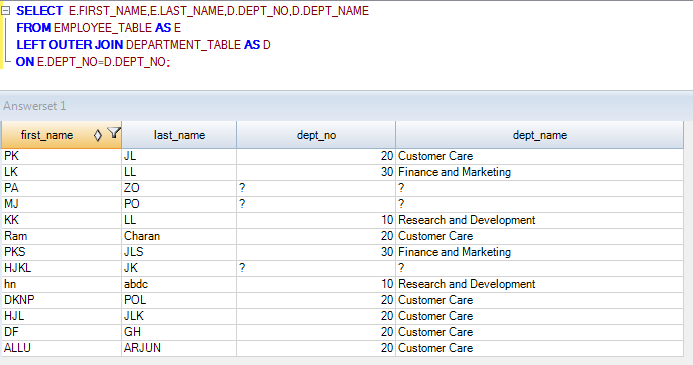




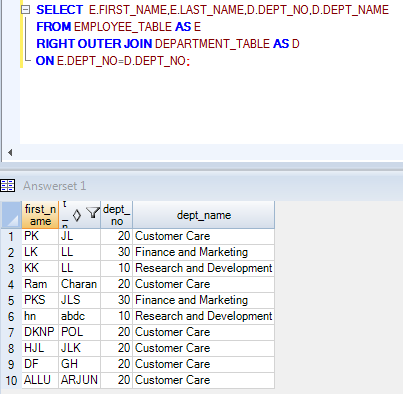
**INNER JOIN**



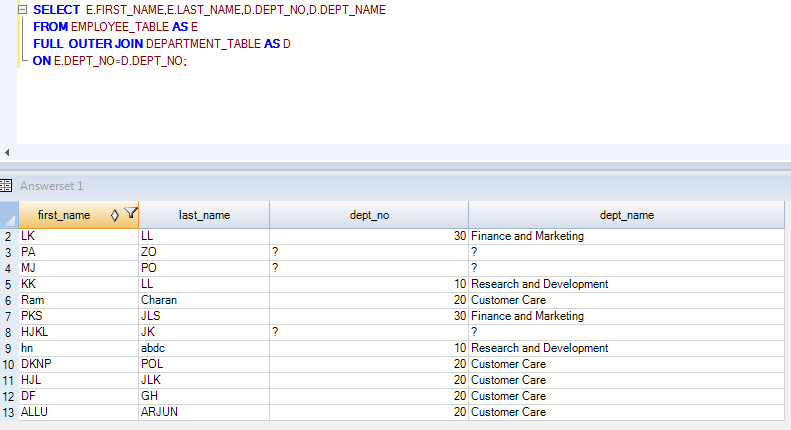
**LEFT OUTER JOIN**



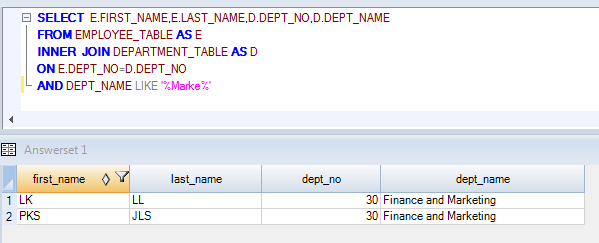
**RIGHT OUTER JOIN**



**FULL OUTER JOIN**



**ANSI INNER JOIN WITH ADDITIONAL AND CLAUSE**



**OUTEER JOIN WITH ADDITIONAL AND CLAUSE**

