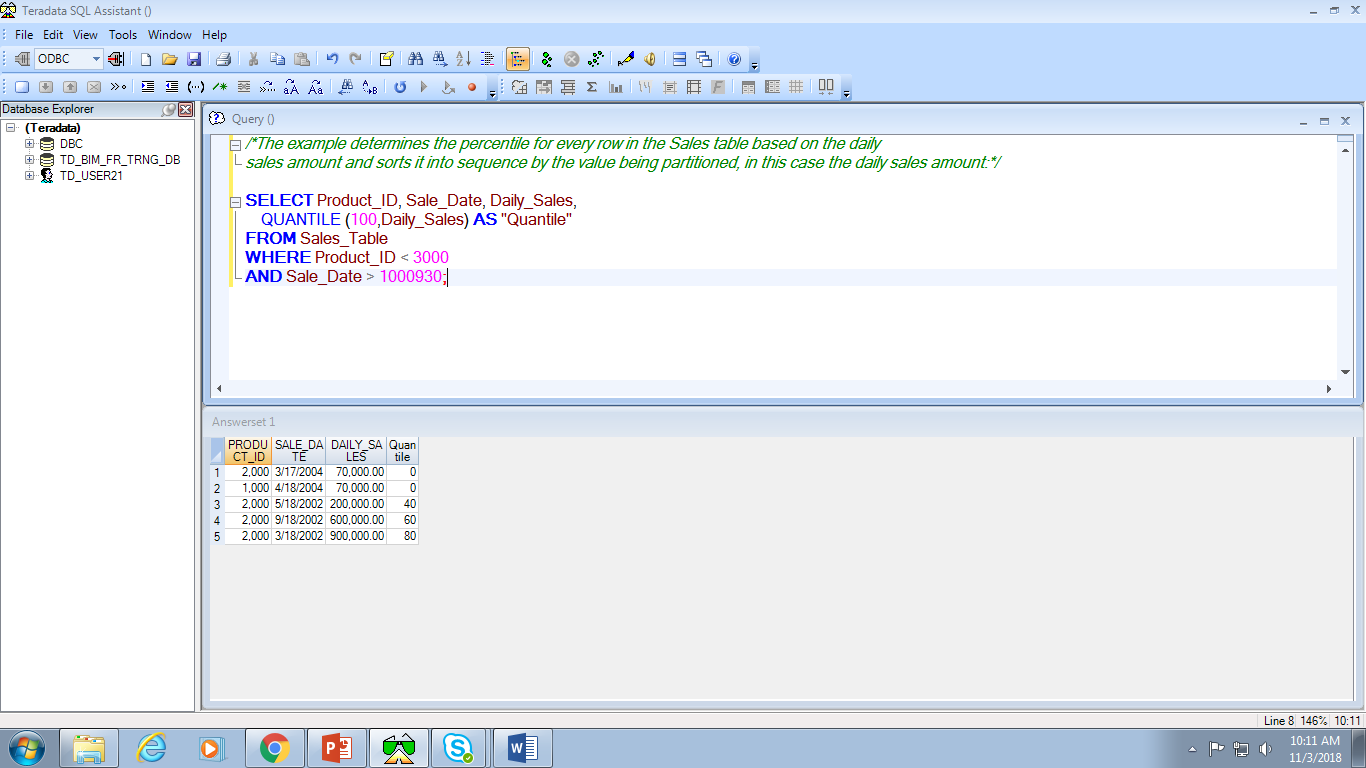
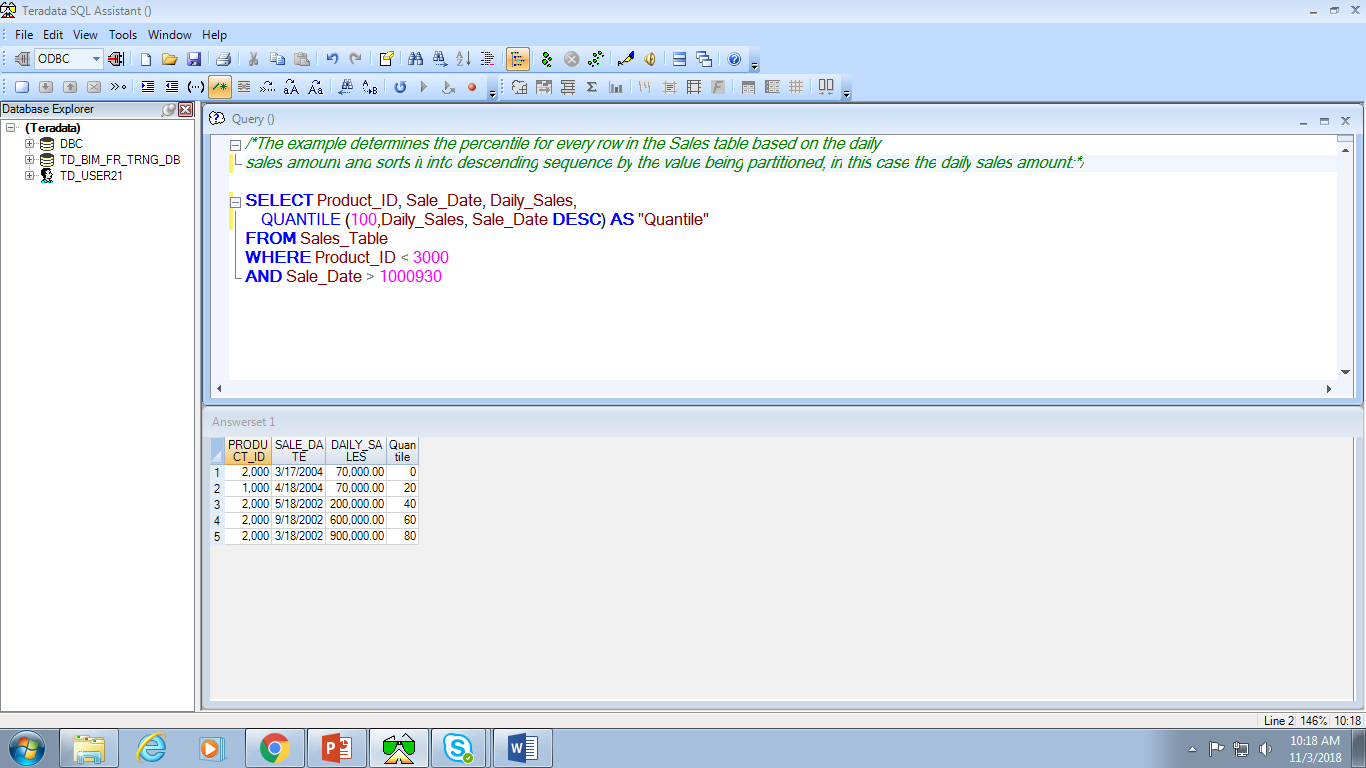
**LAB 04**

**The Quantile Function**

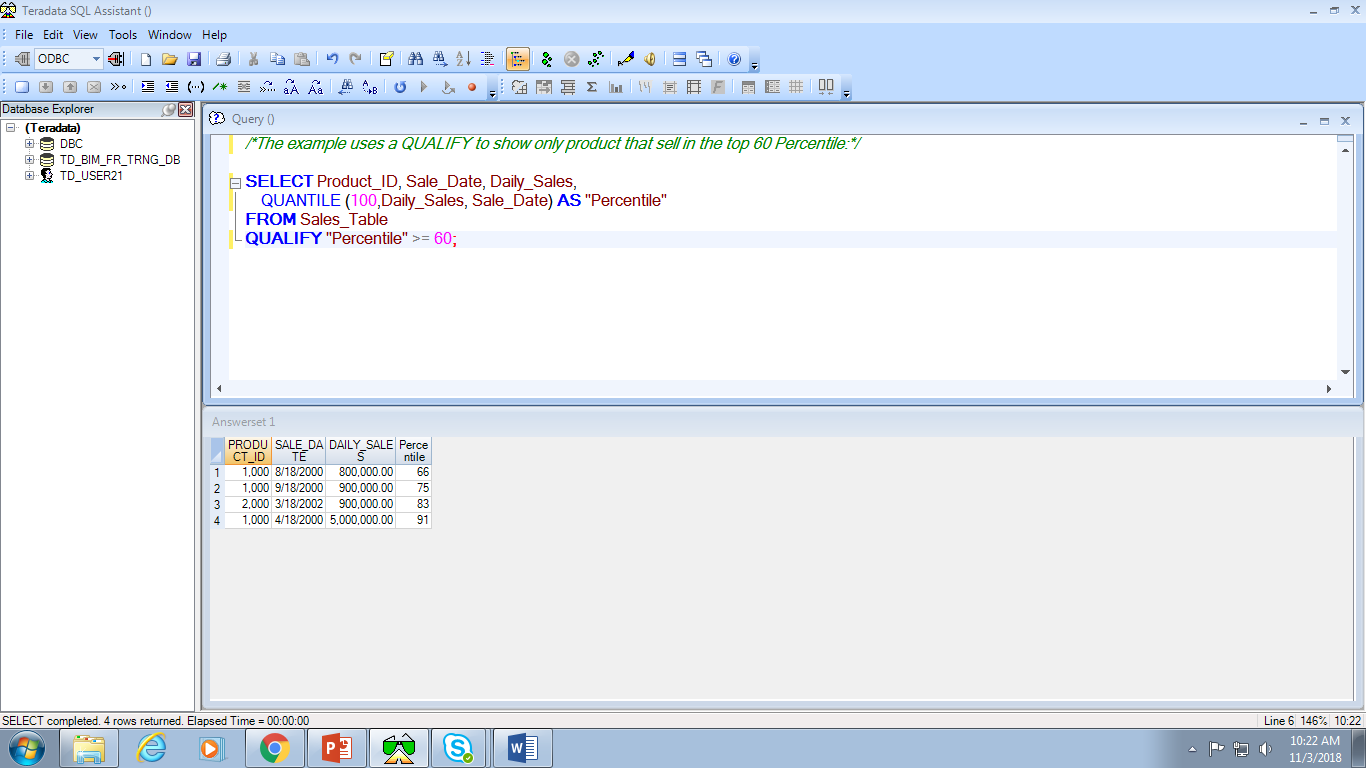
**A Quantile Example**



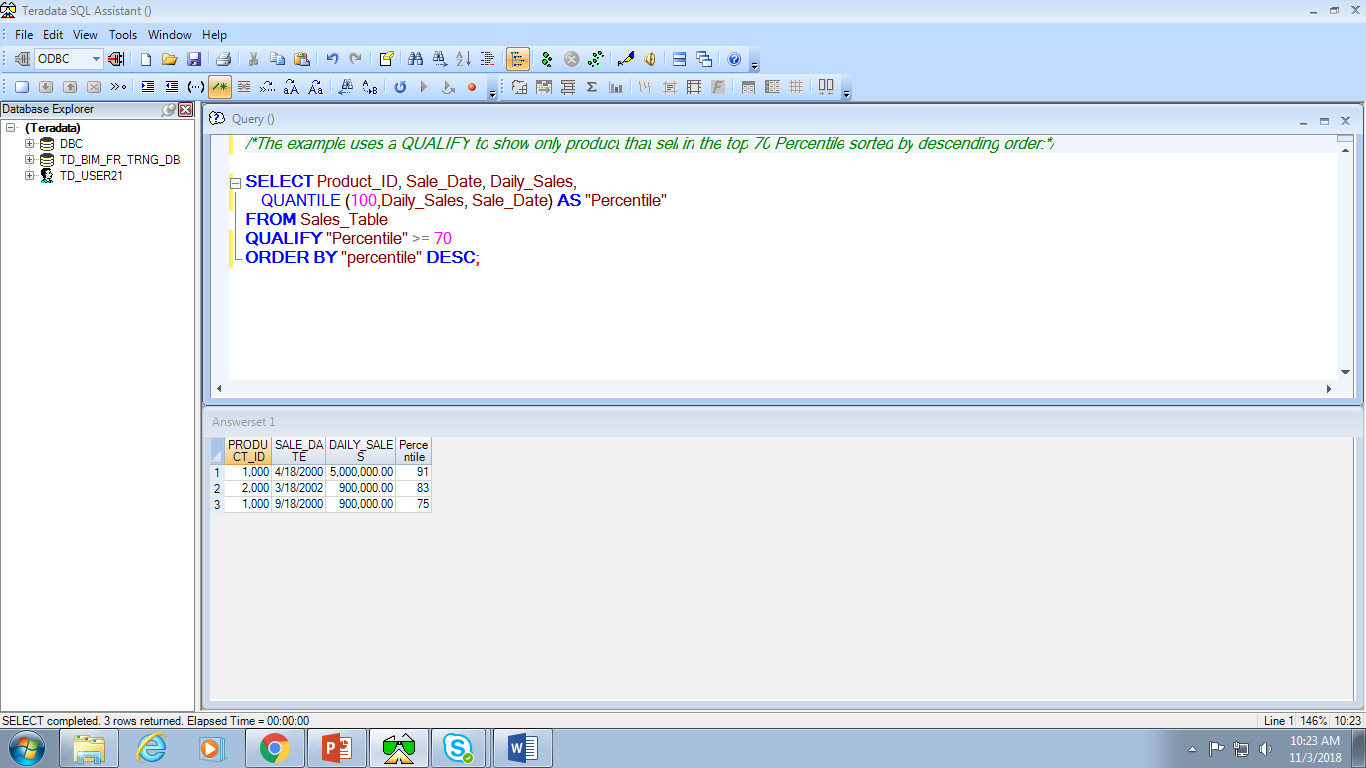
**A Quantile Example using DESC Mode**



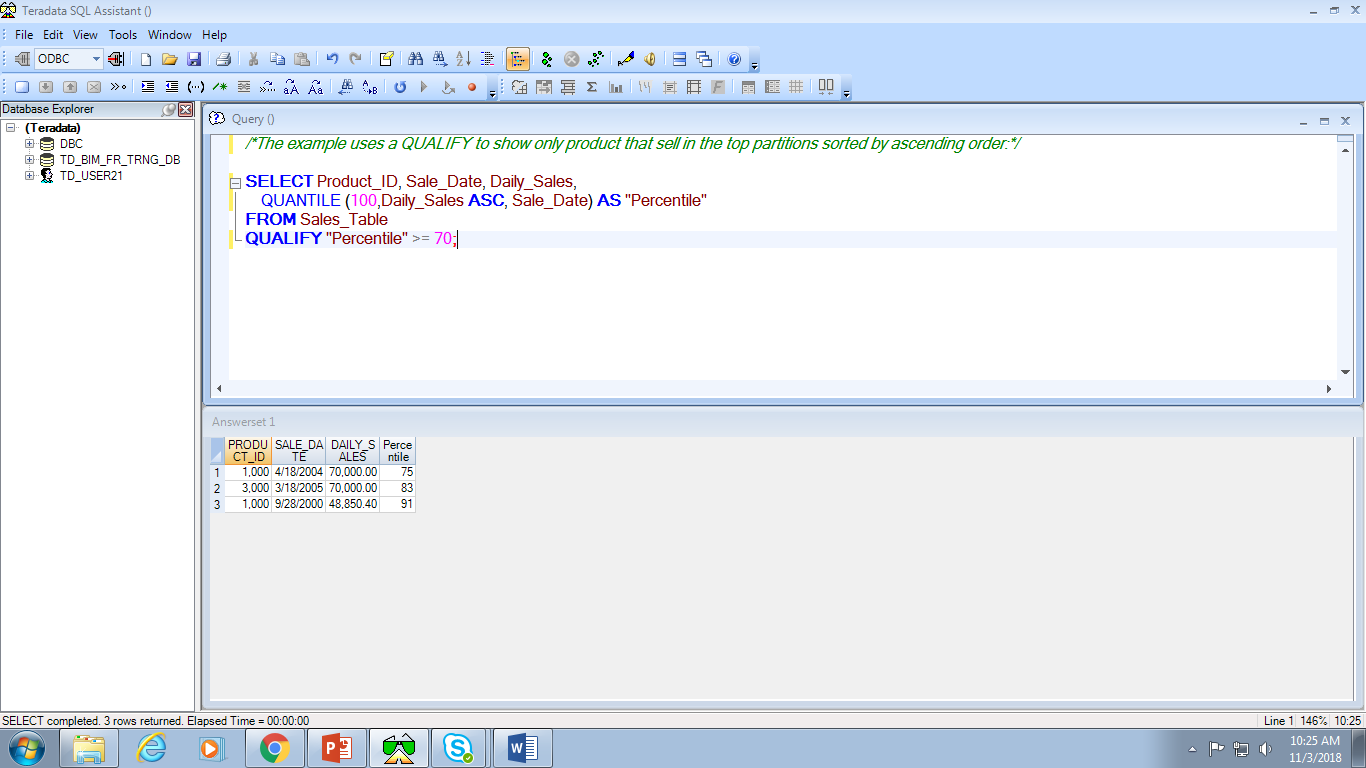
**QUALIFY to find Products in the top Partitions**



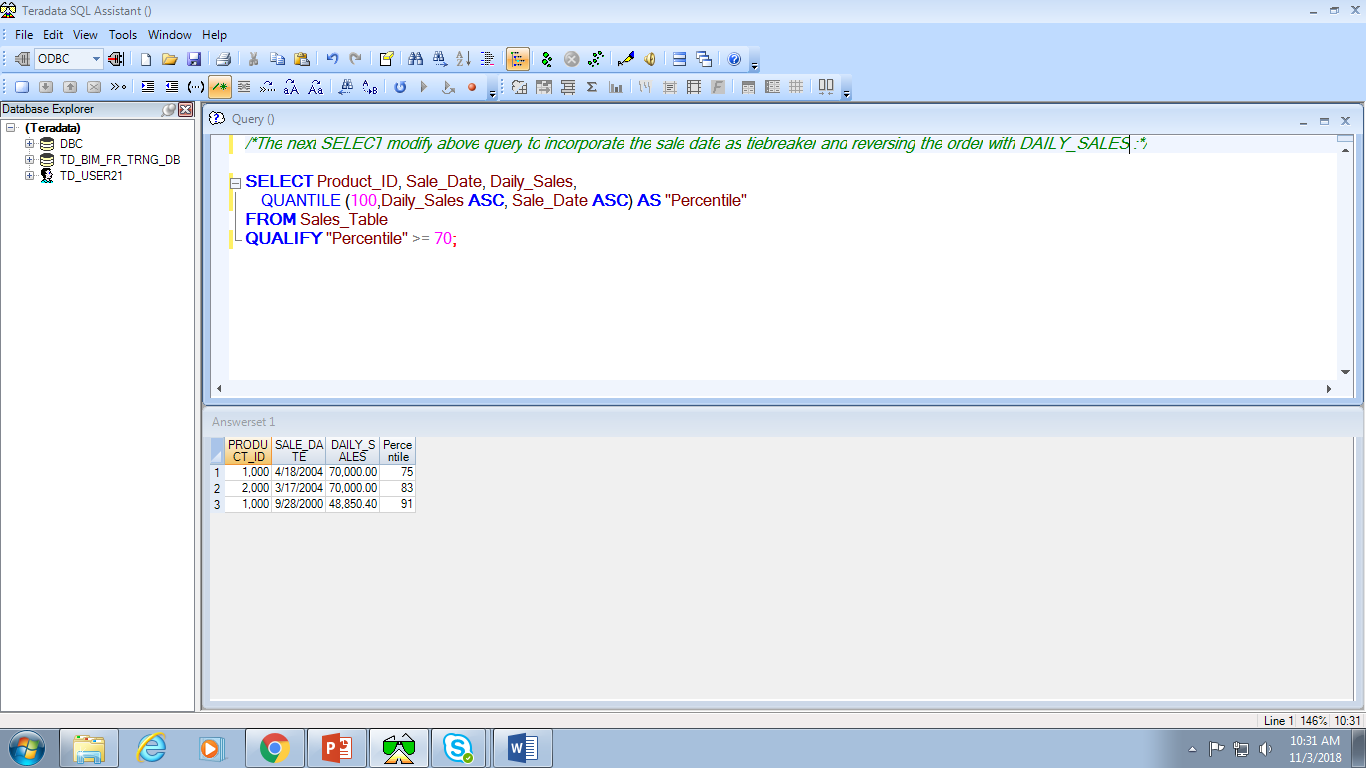
**QUALIFY to find Products in the top Partitions Sorted DESC**



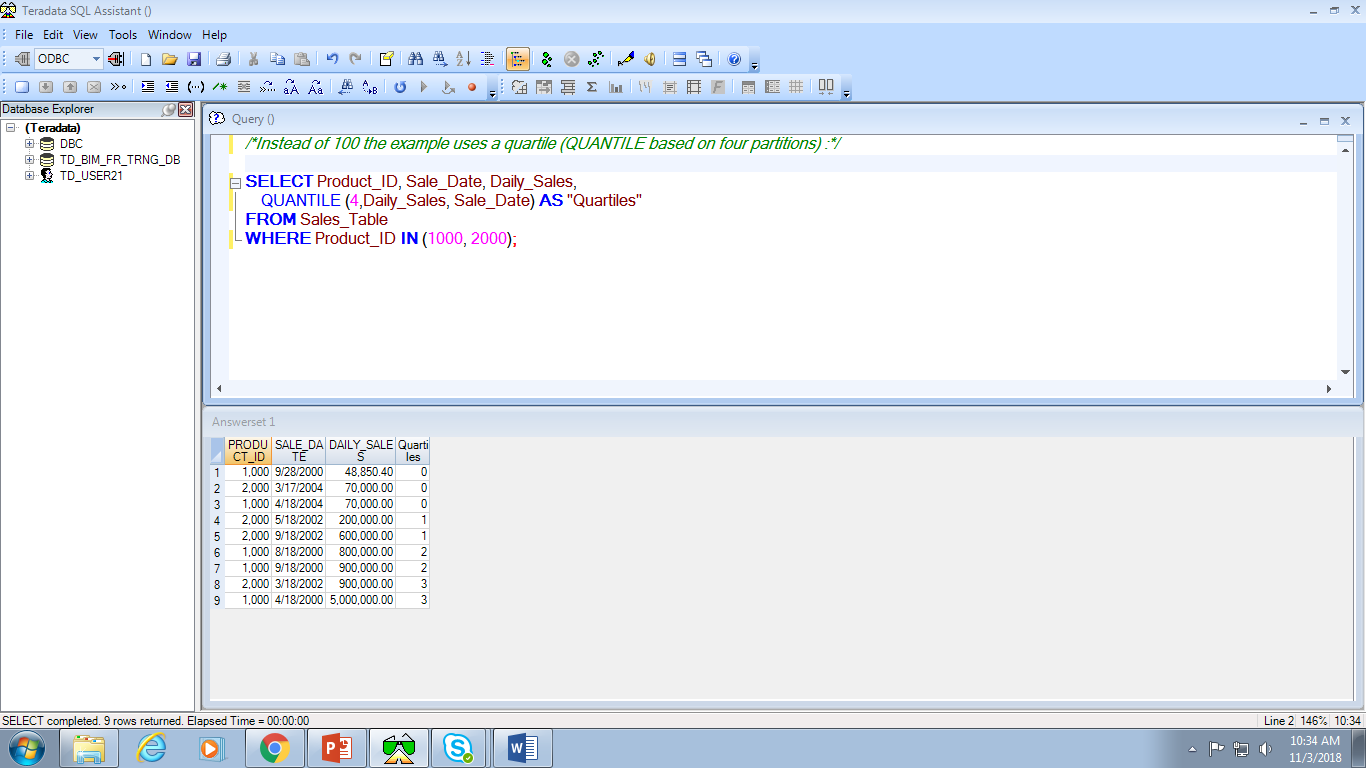
**QUALIFY to find Products in the top Partitions Sorted ASC**



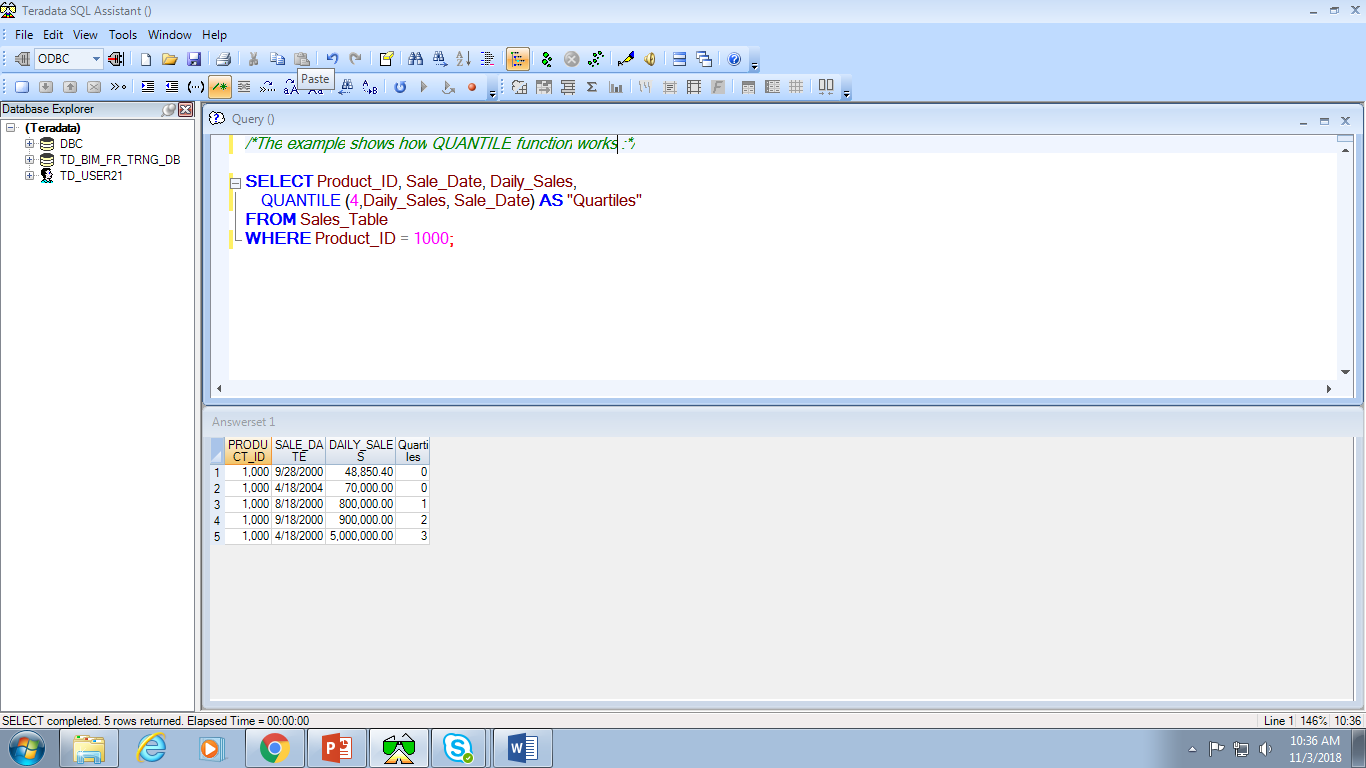
**QUALIFY to find Products in the top Partitions with Tierbreaker**



**Using Tertiles (Partitions of Four)**

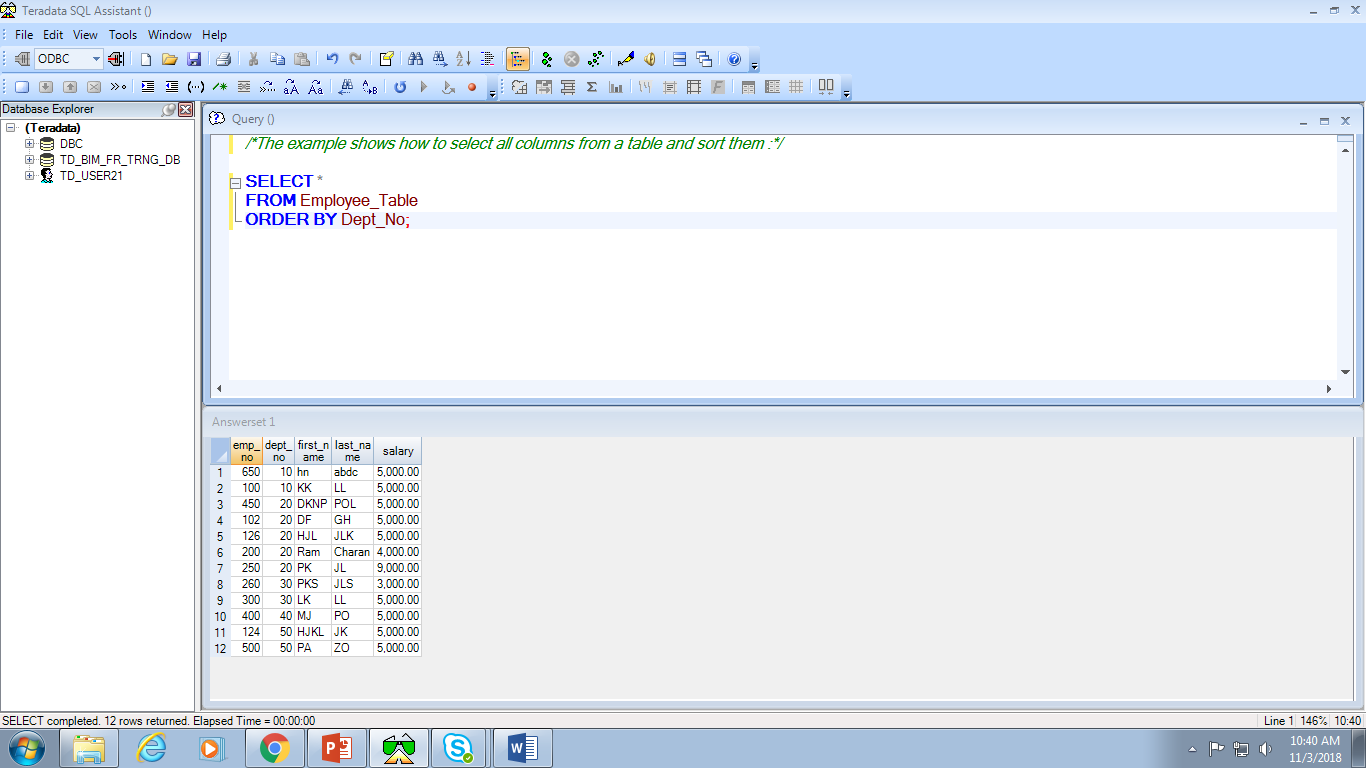


**How QUANTILE Works**

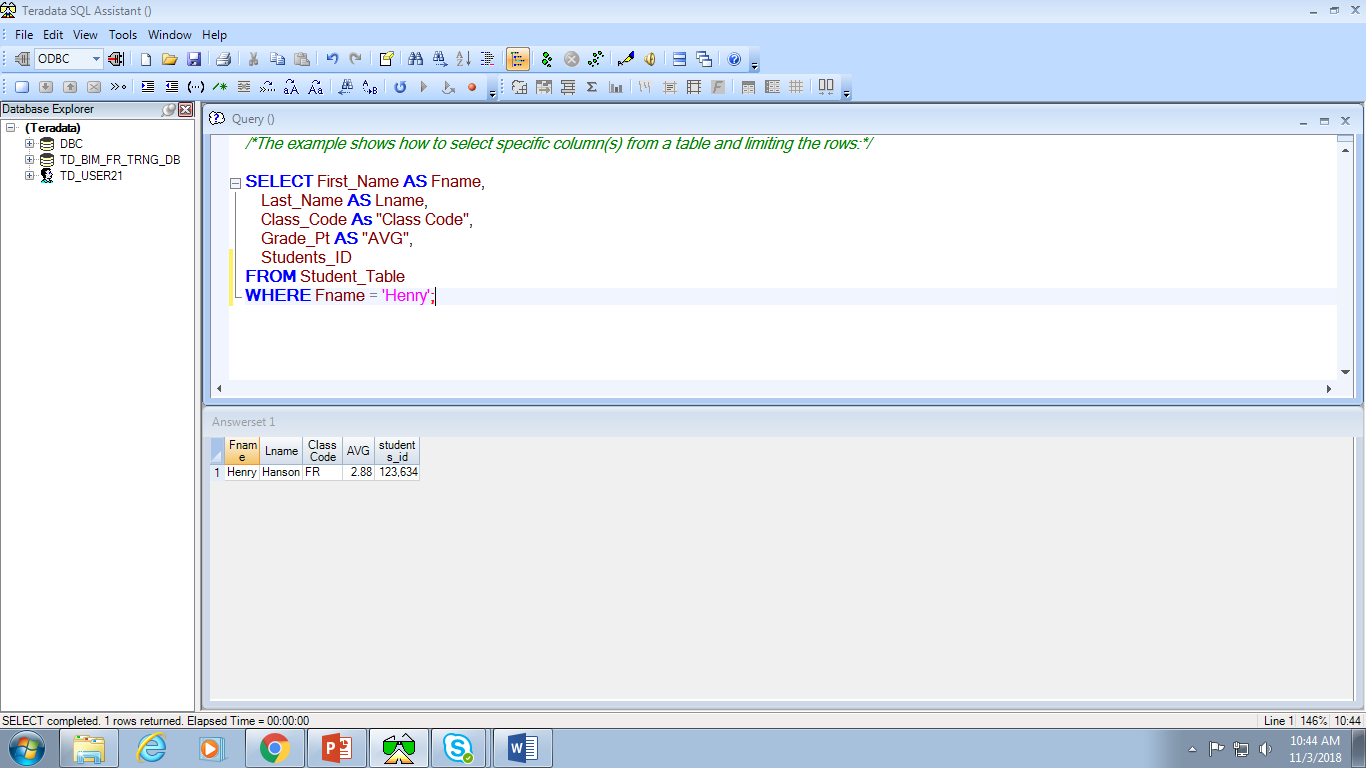


**Top SQL Commands Cheat Sheet**

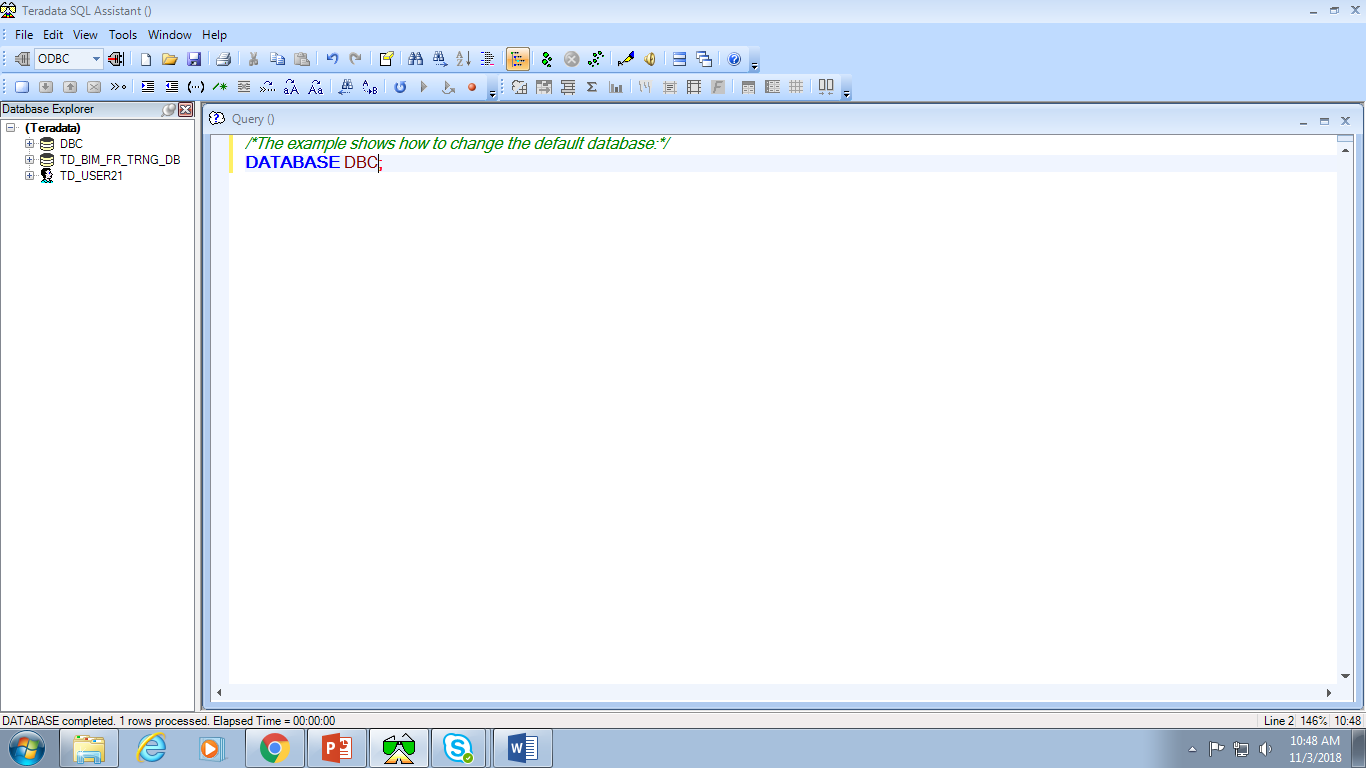
**SELECT All Columns from a Table and Sort**



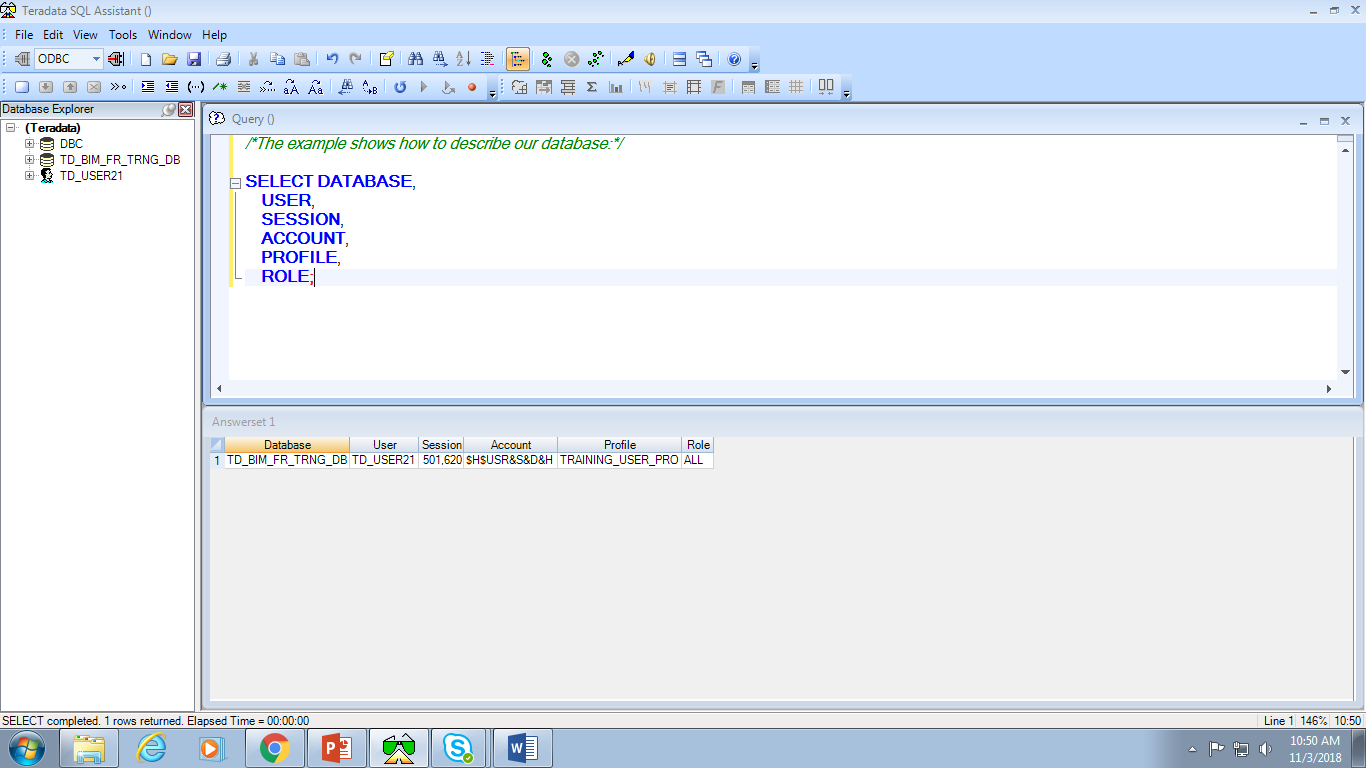
**SELECT Specific Columns and Limiting the Rows**



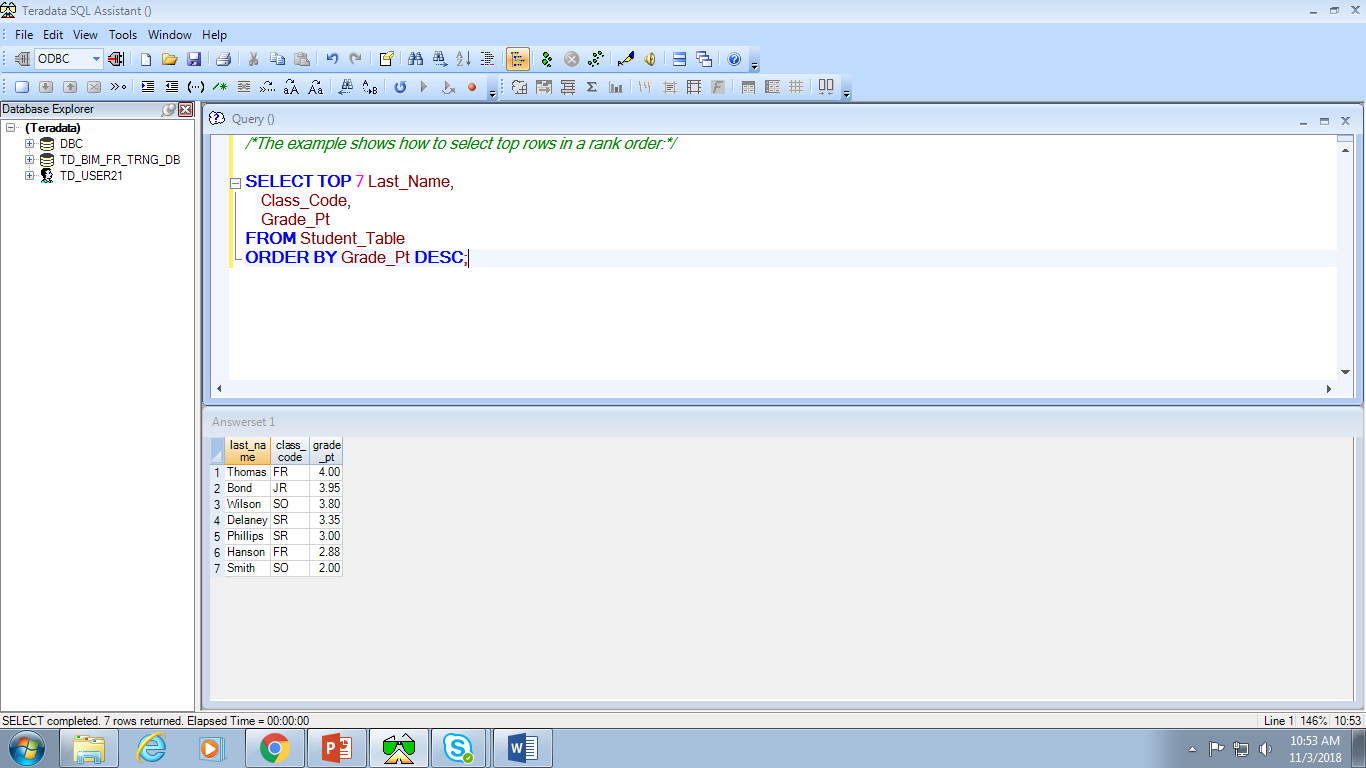
**Changing Default Database**



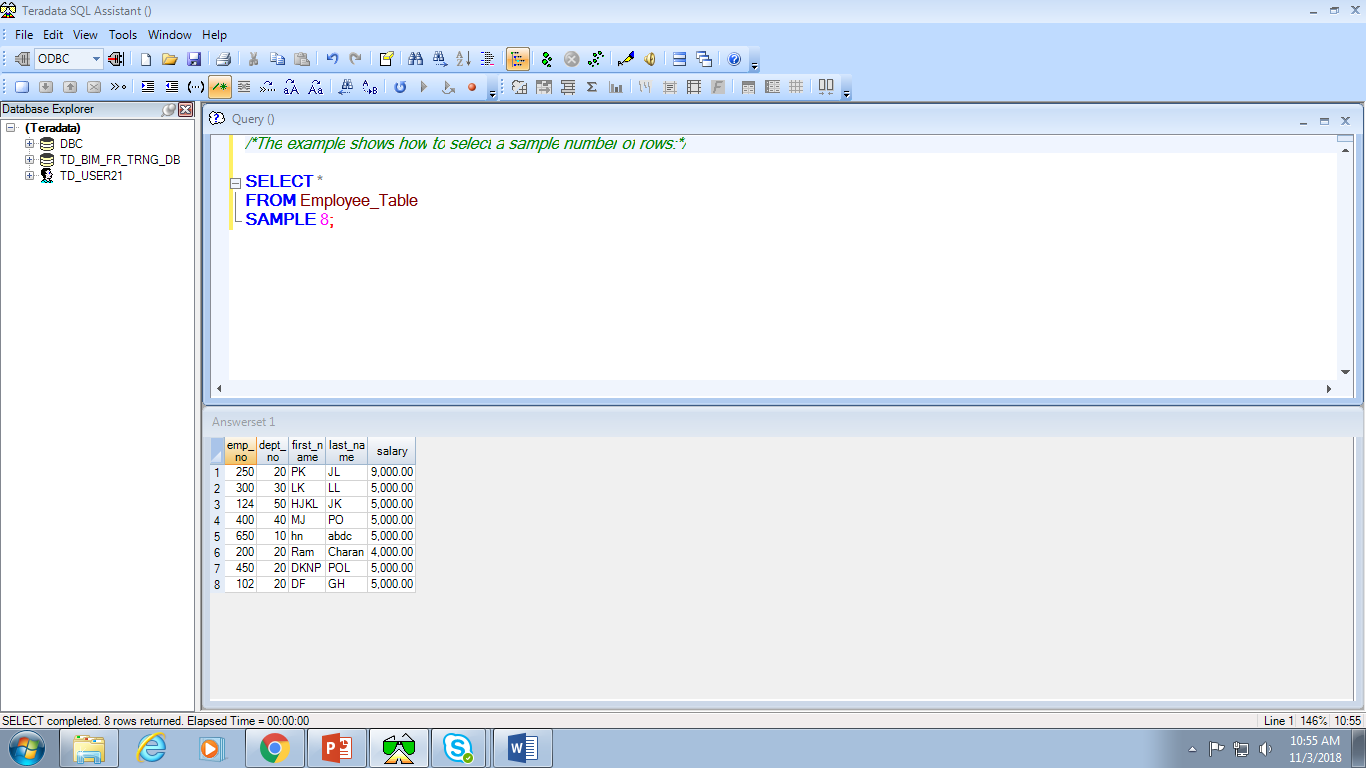
**Keywords that Describe our Database**



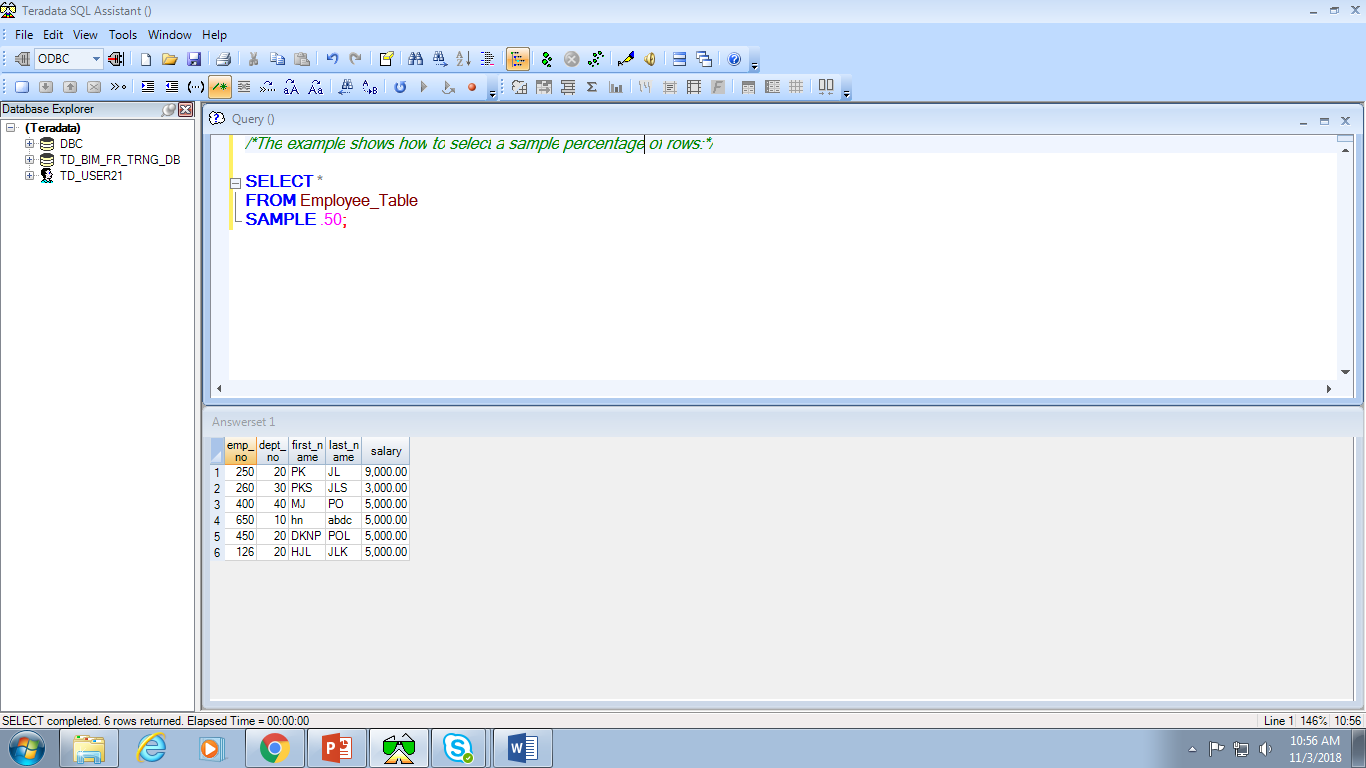
**SELECT TOP Rows in a Rank Order**



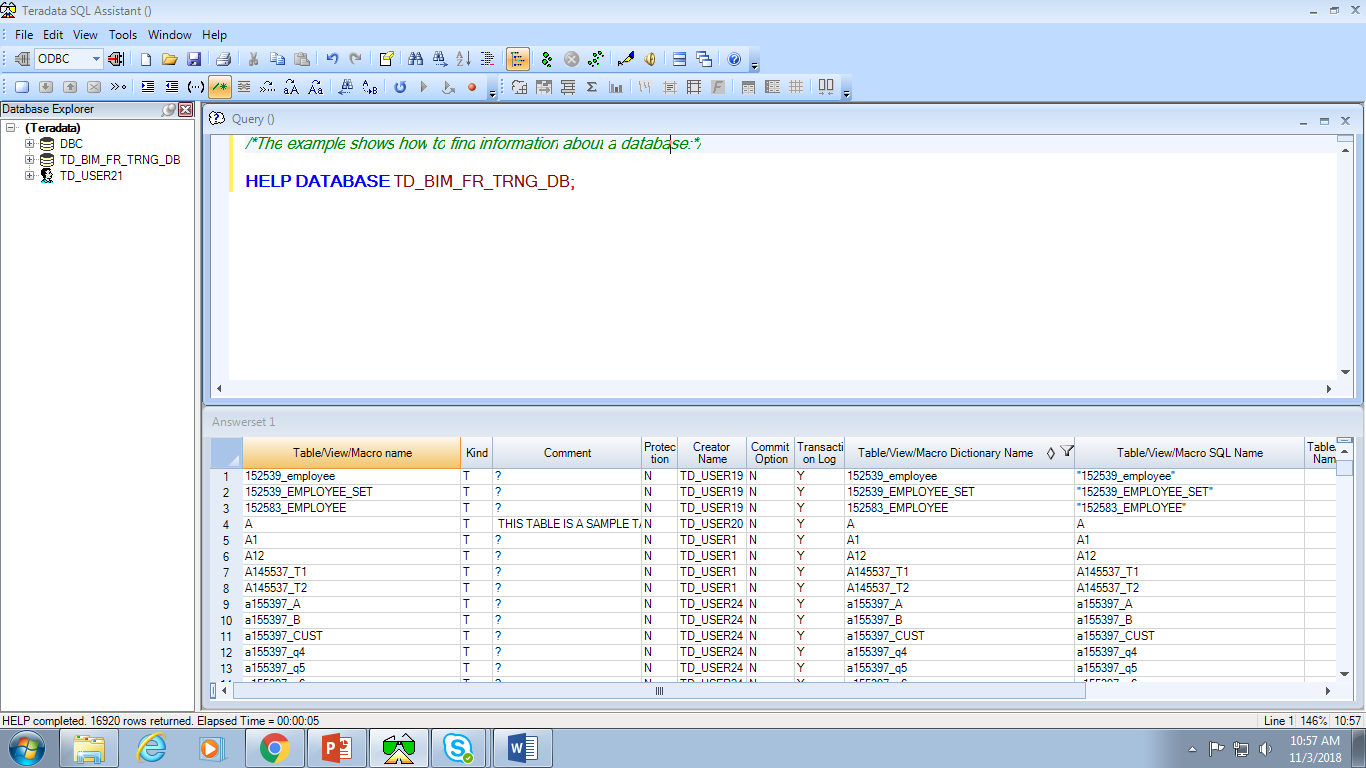
**A sample number of rows**



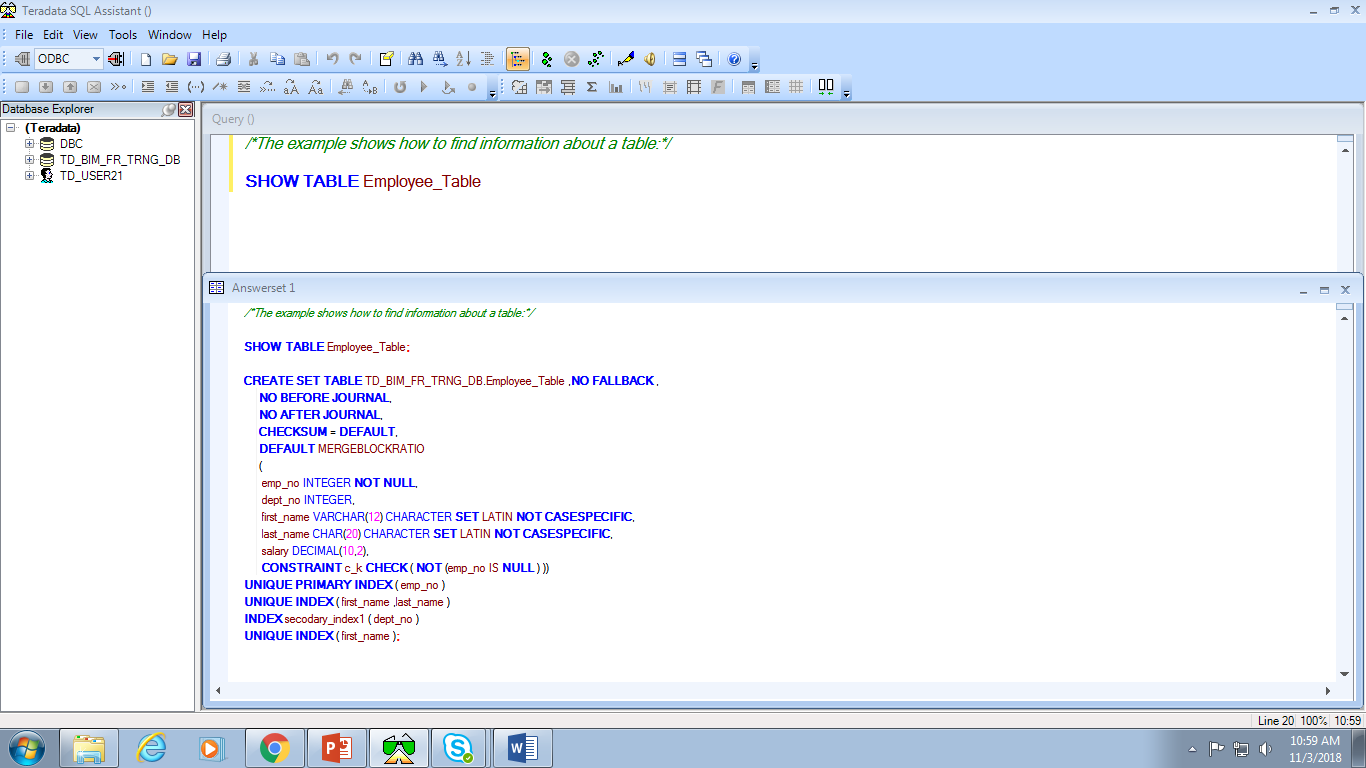
**Getting a Sample Percentage of rows**



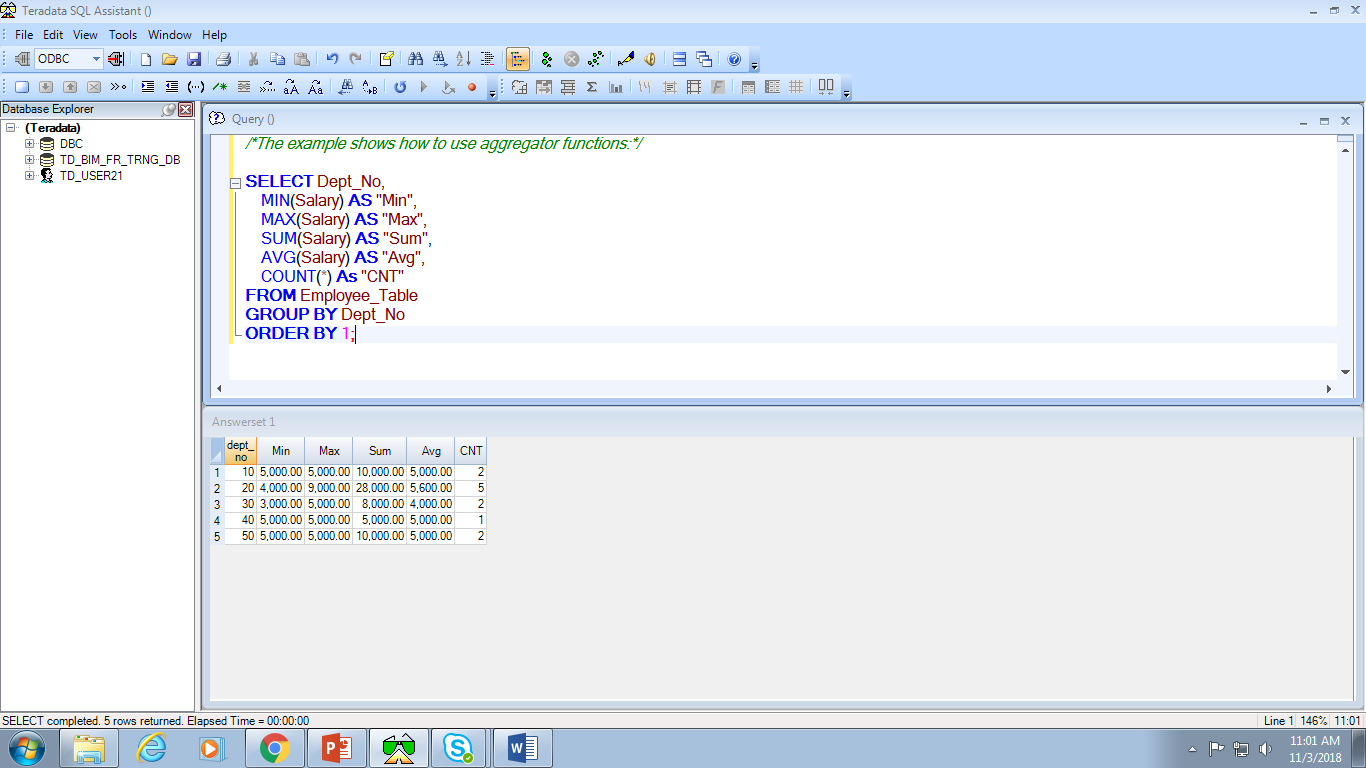
**Find Information about a Database**



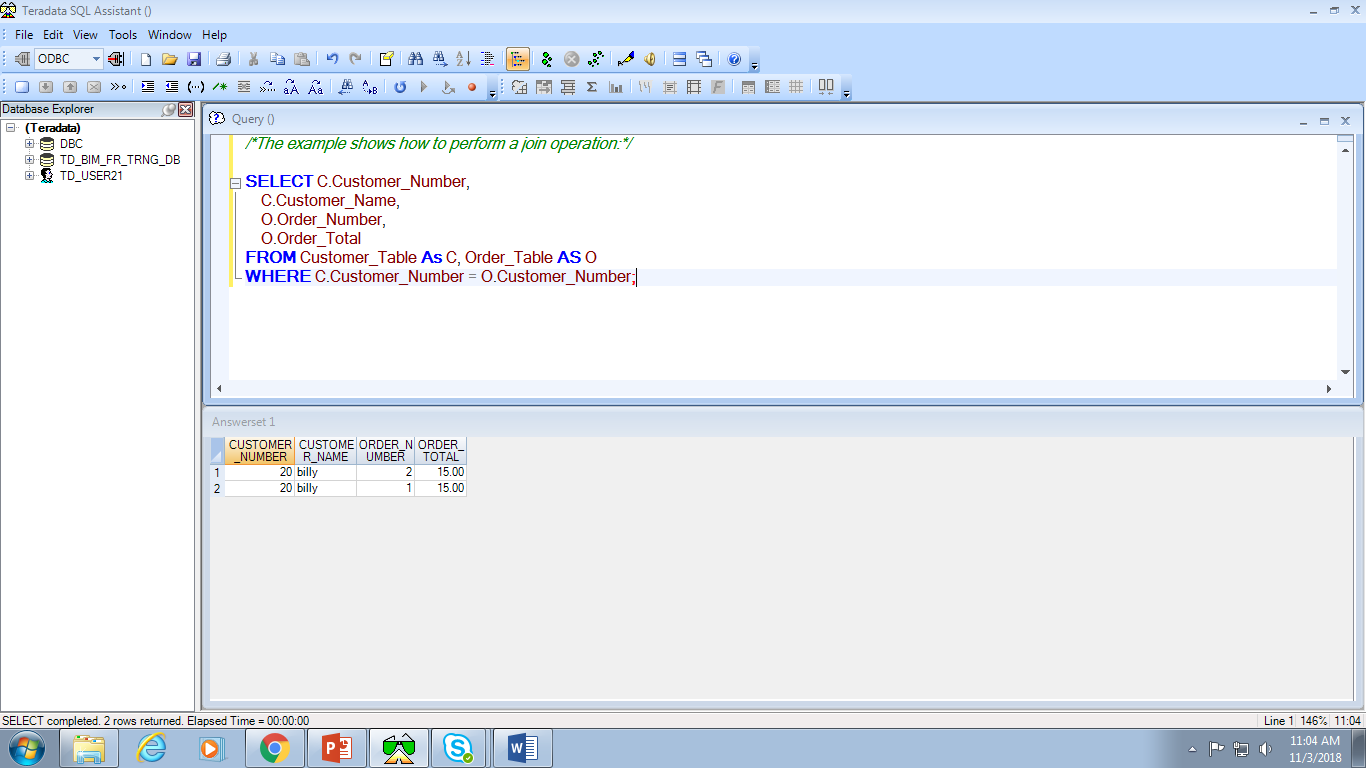
**Find Information about a Table**



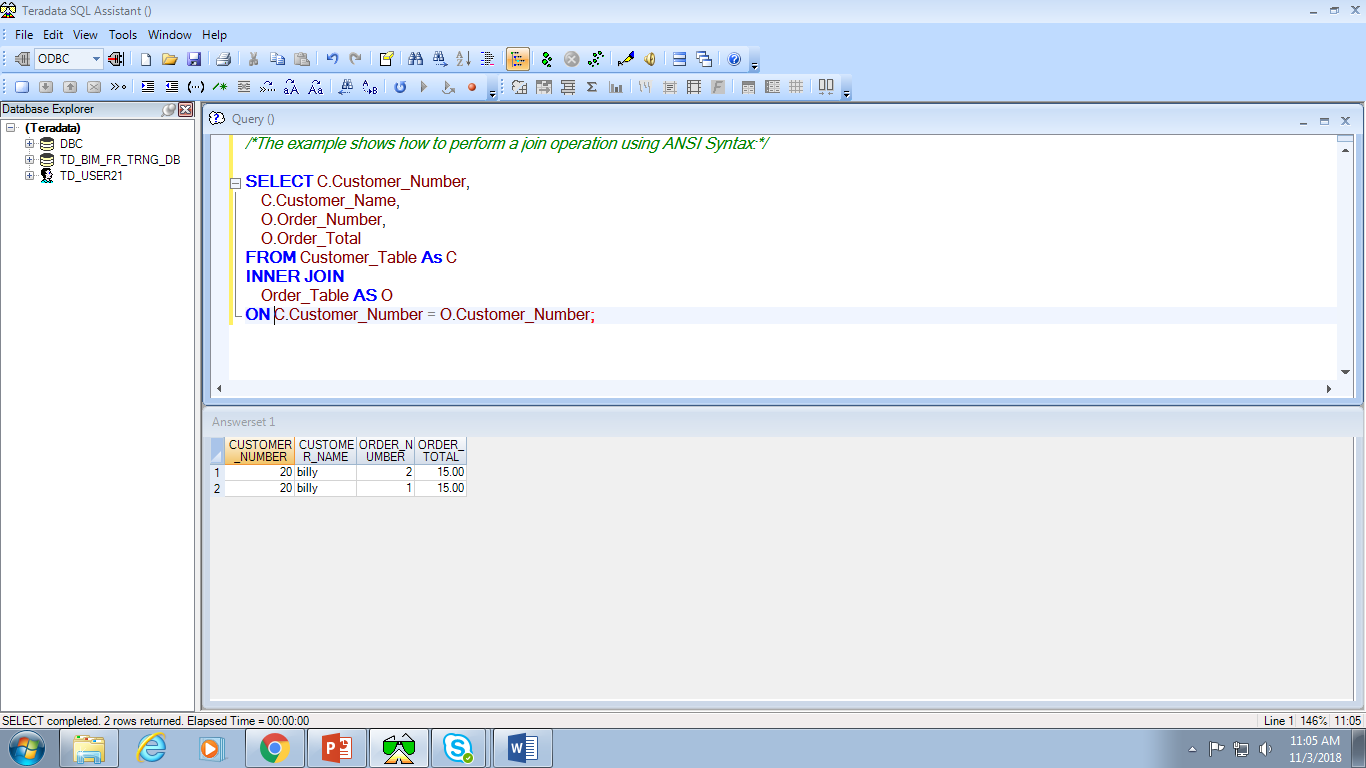
**Using Aggregates**



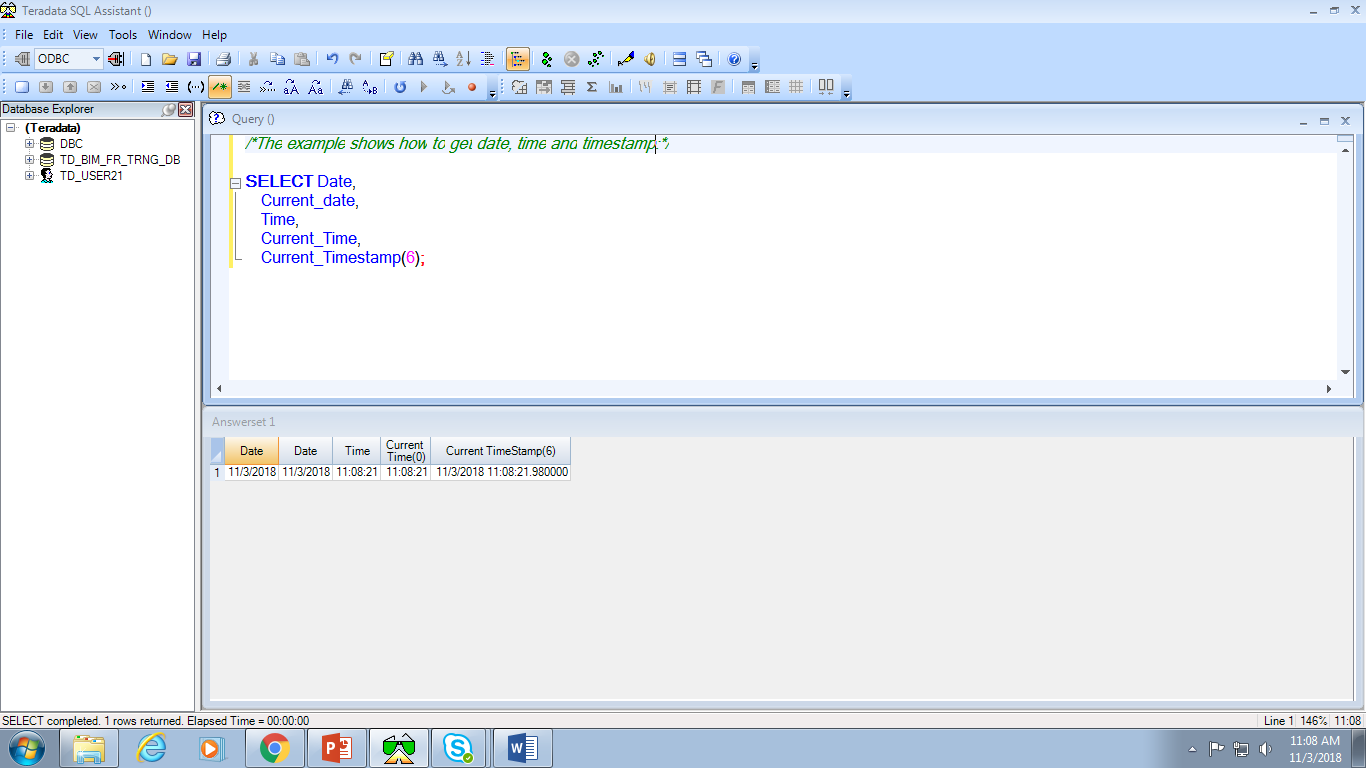
**Performing a JOIN**



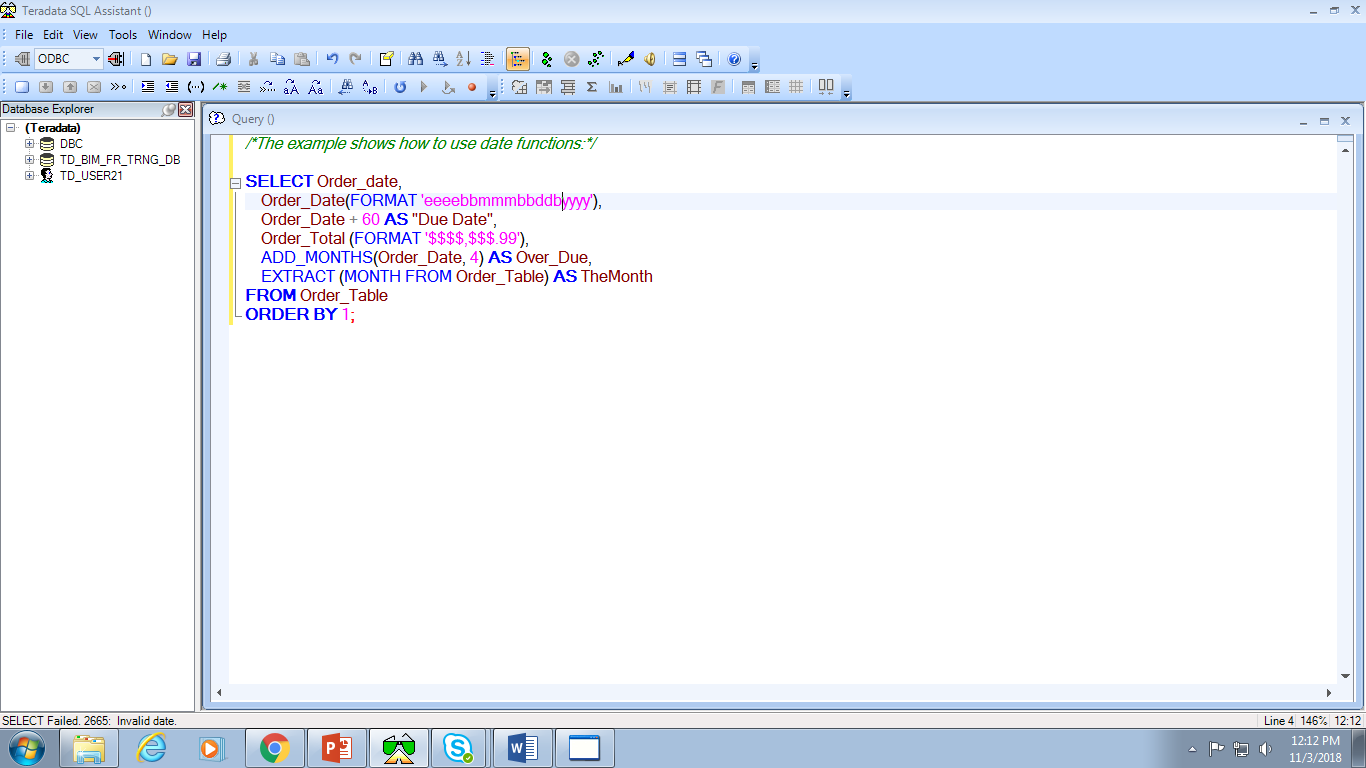
**Performing a JOIN using ANSI Syntax**



**Using Date, Time and Timestamp**



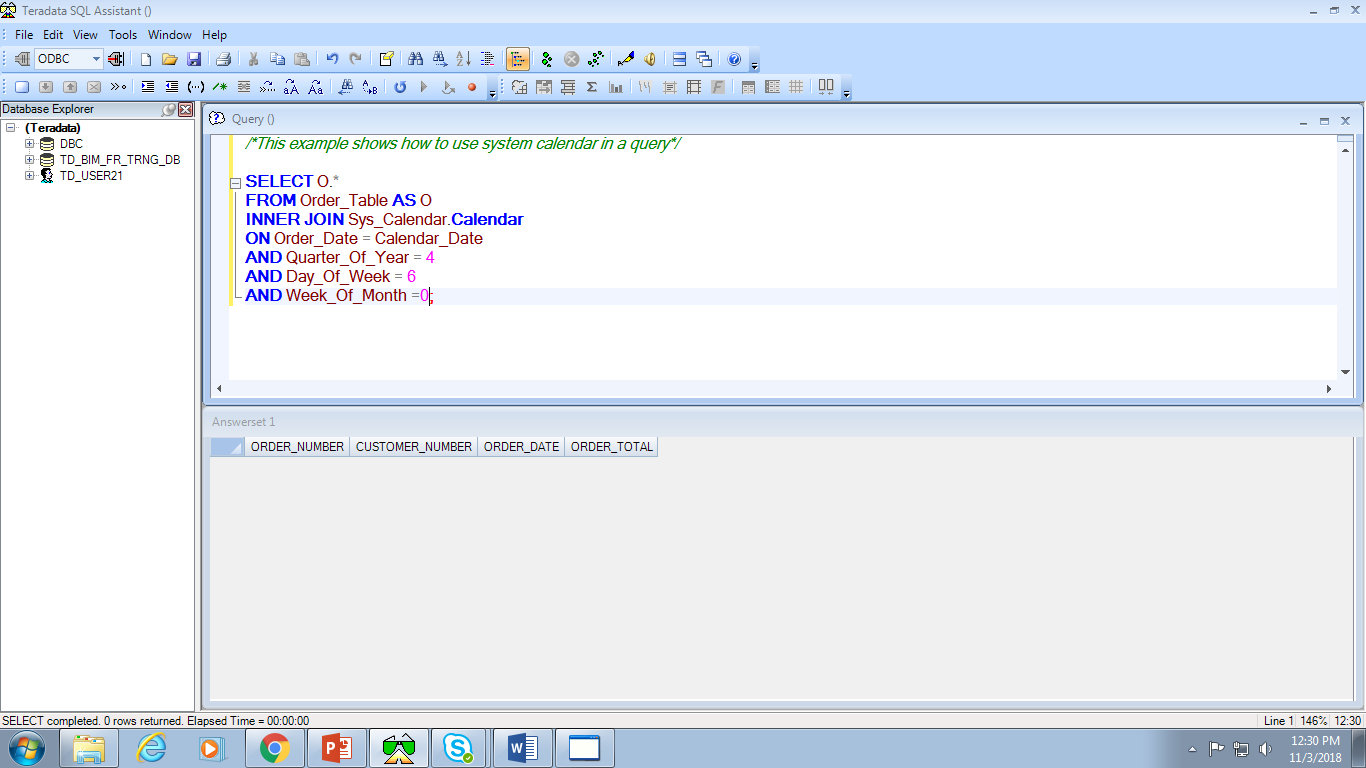
**Using Date Functions**



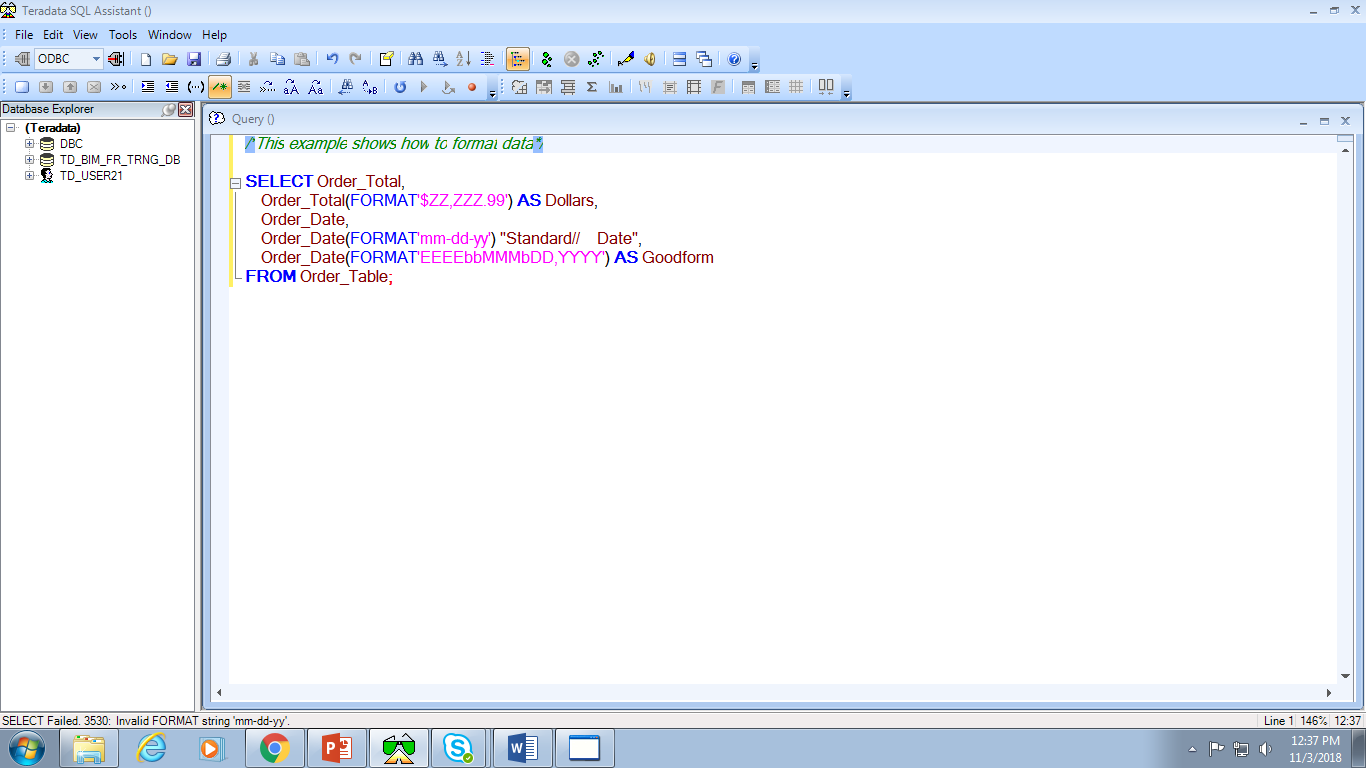
**Using System Calender**



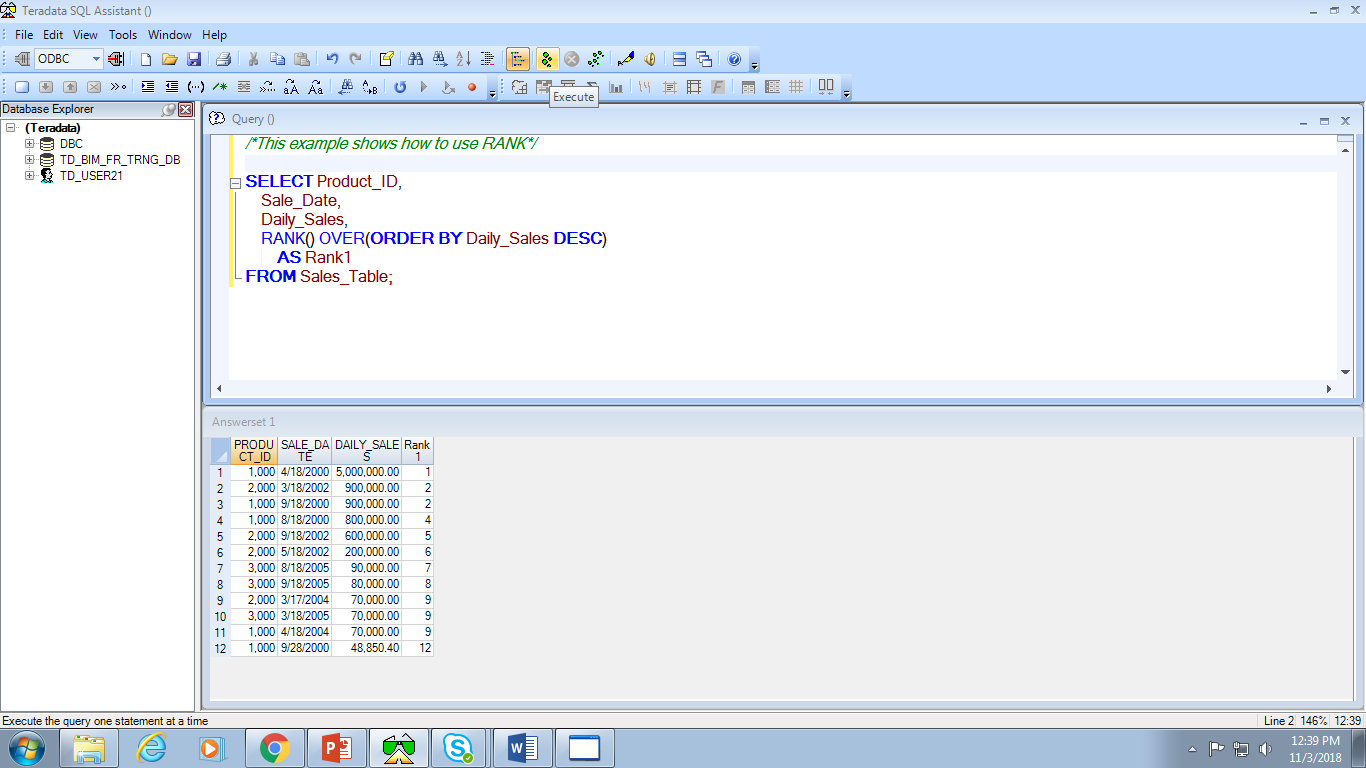
**Using the System Calendar in a Query**



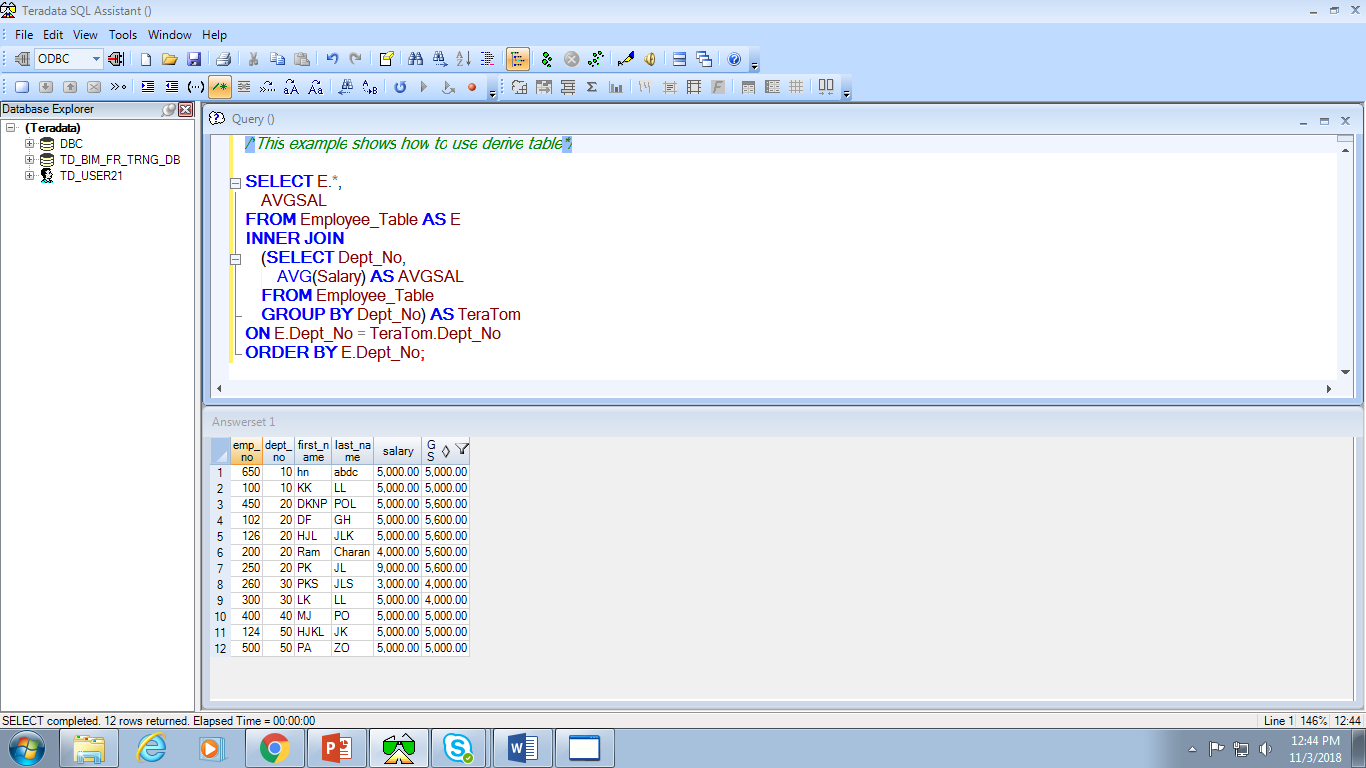
**Formatting Data**



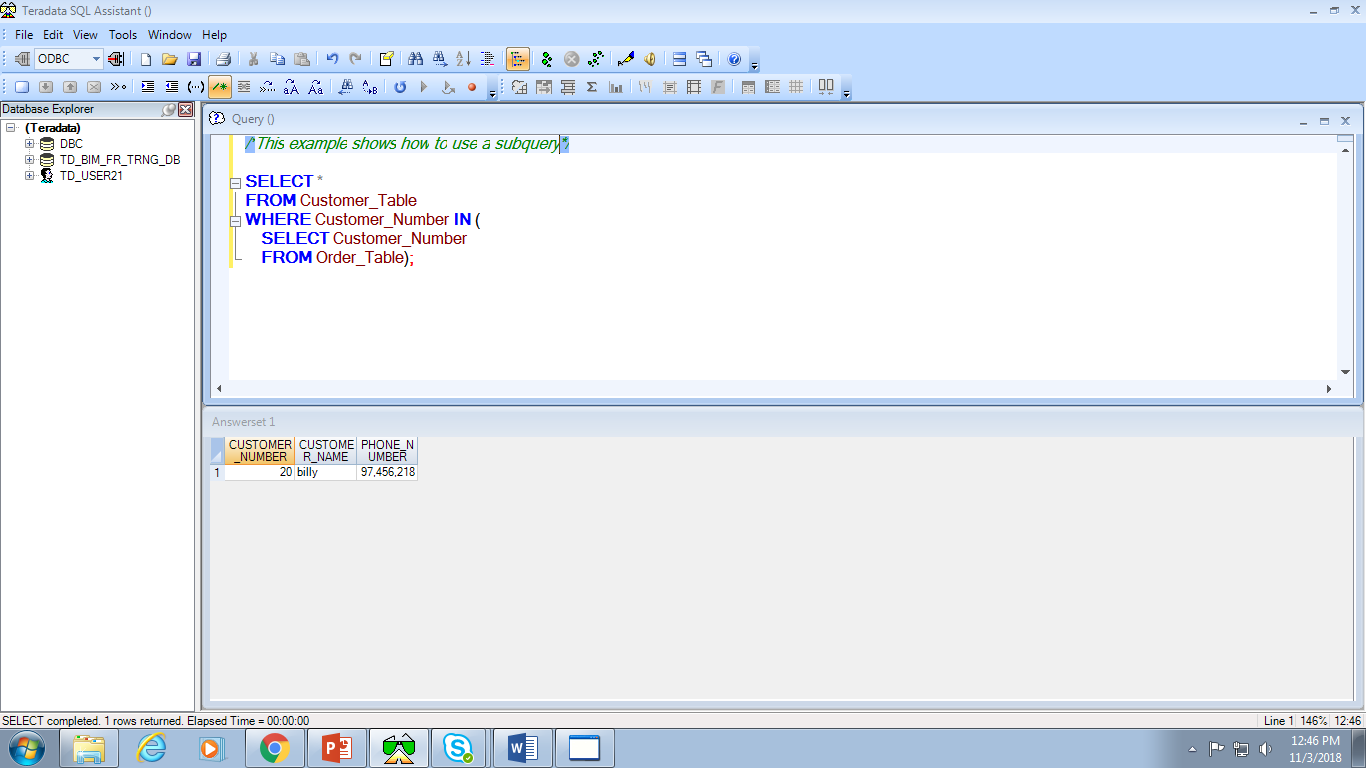
**Using Rank**



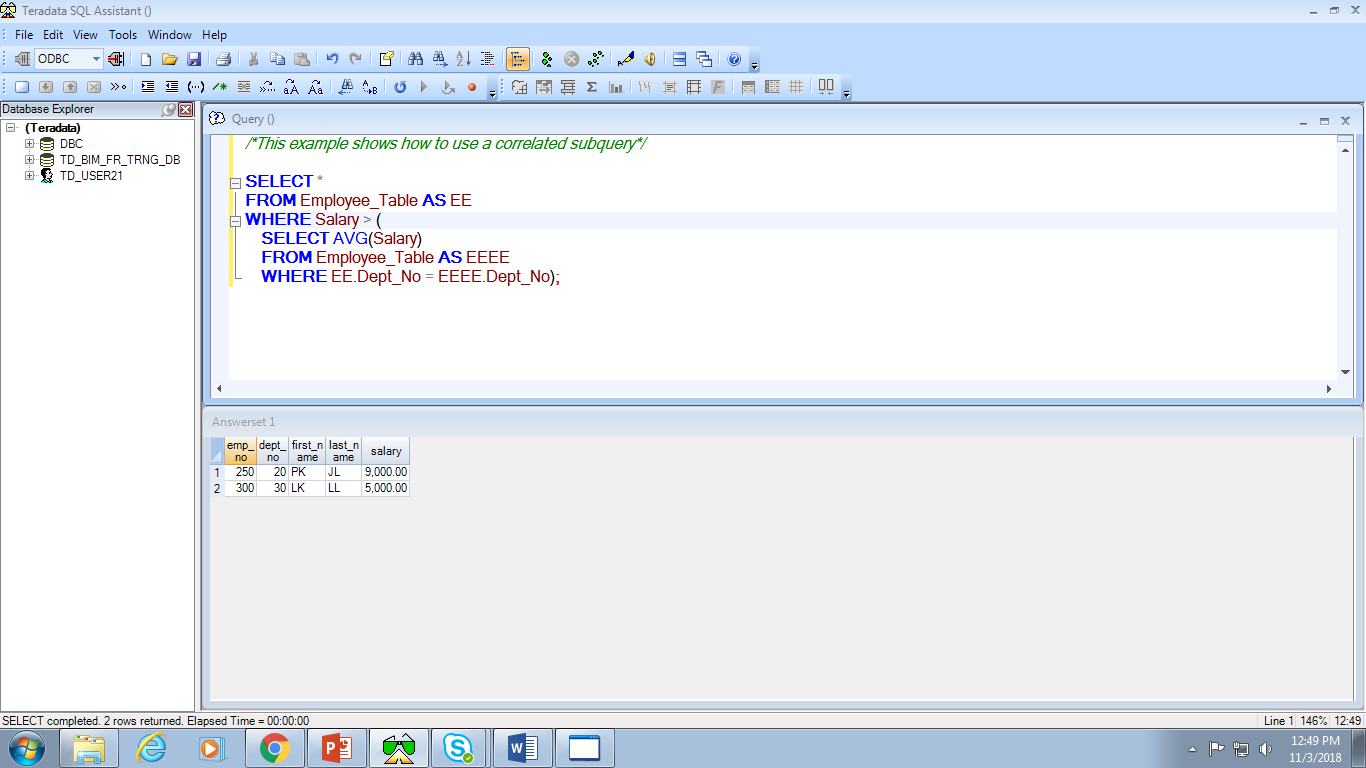
**Using a Derive Table**



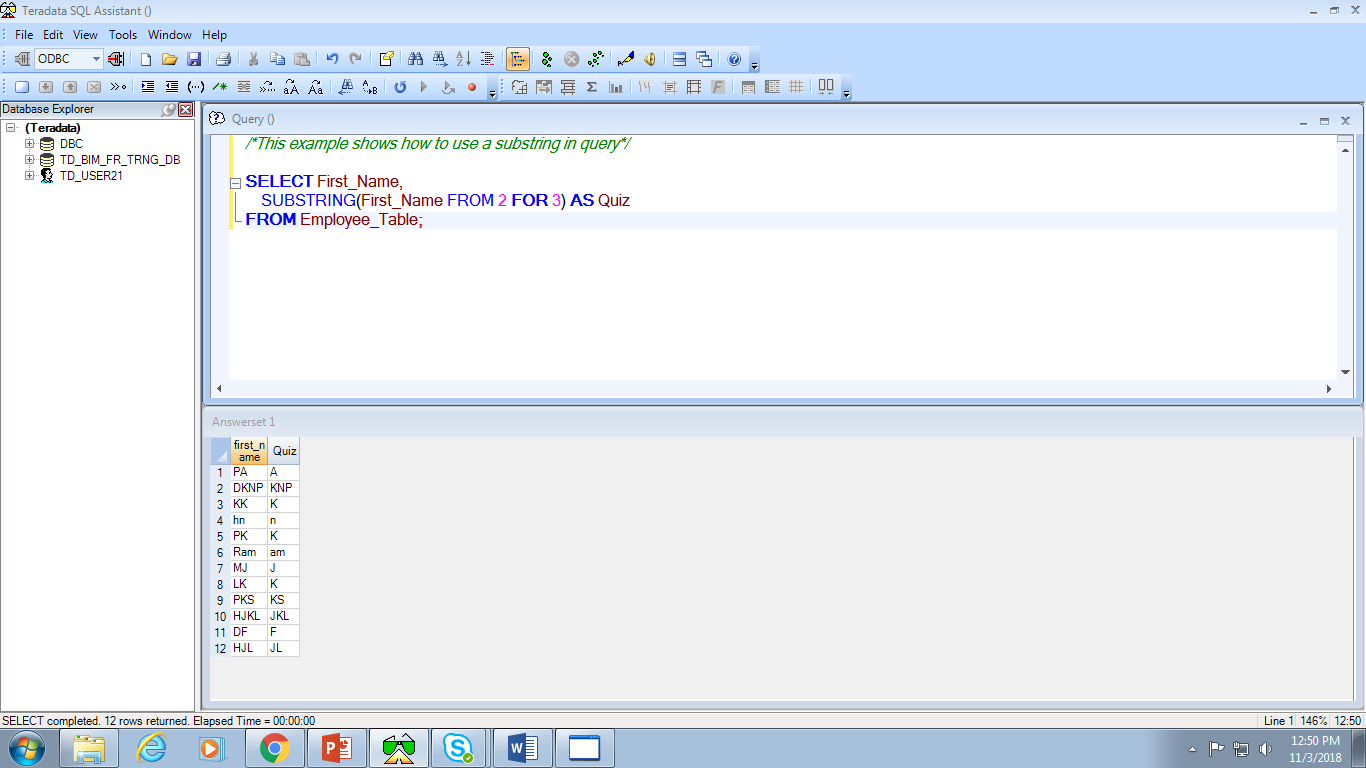
**Using a Subquery**



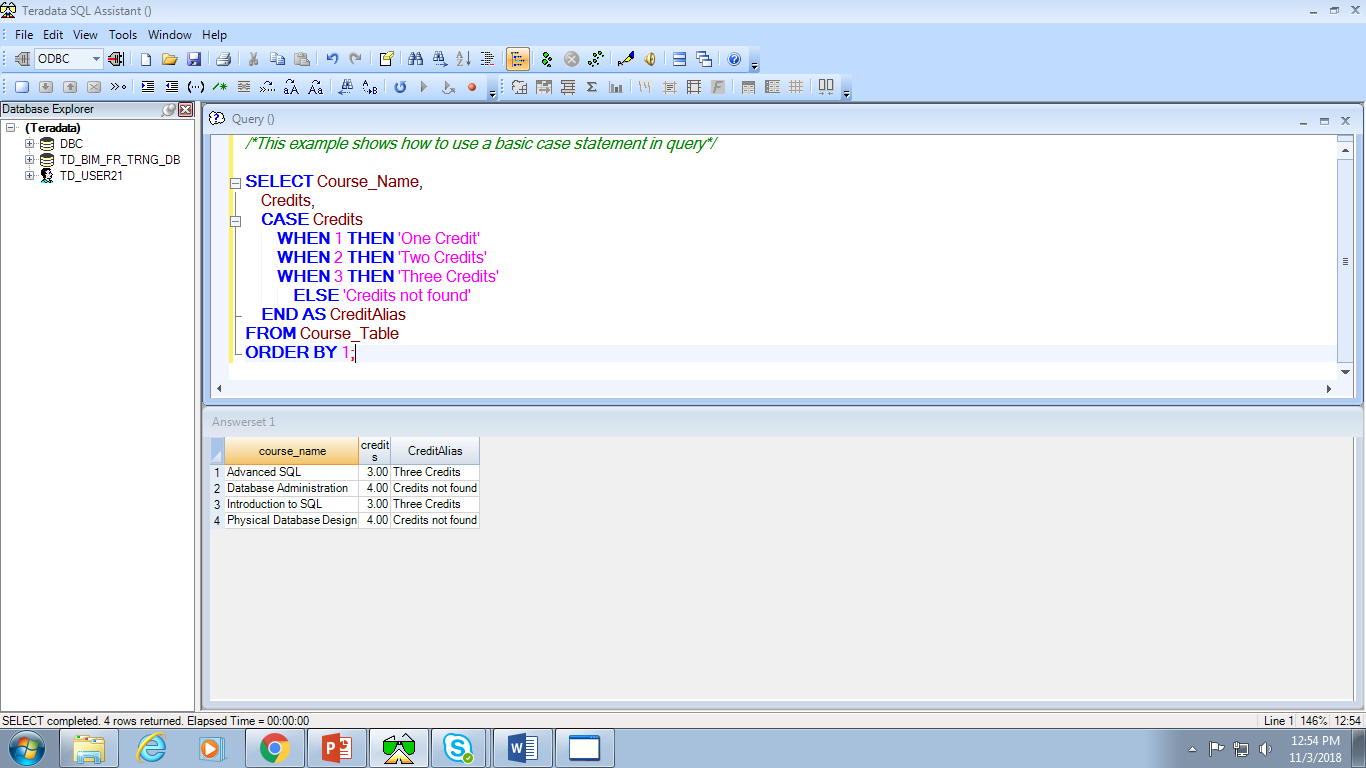
**Correlated Subquery**



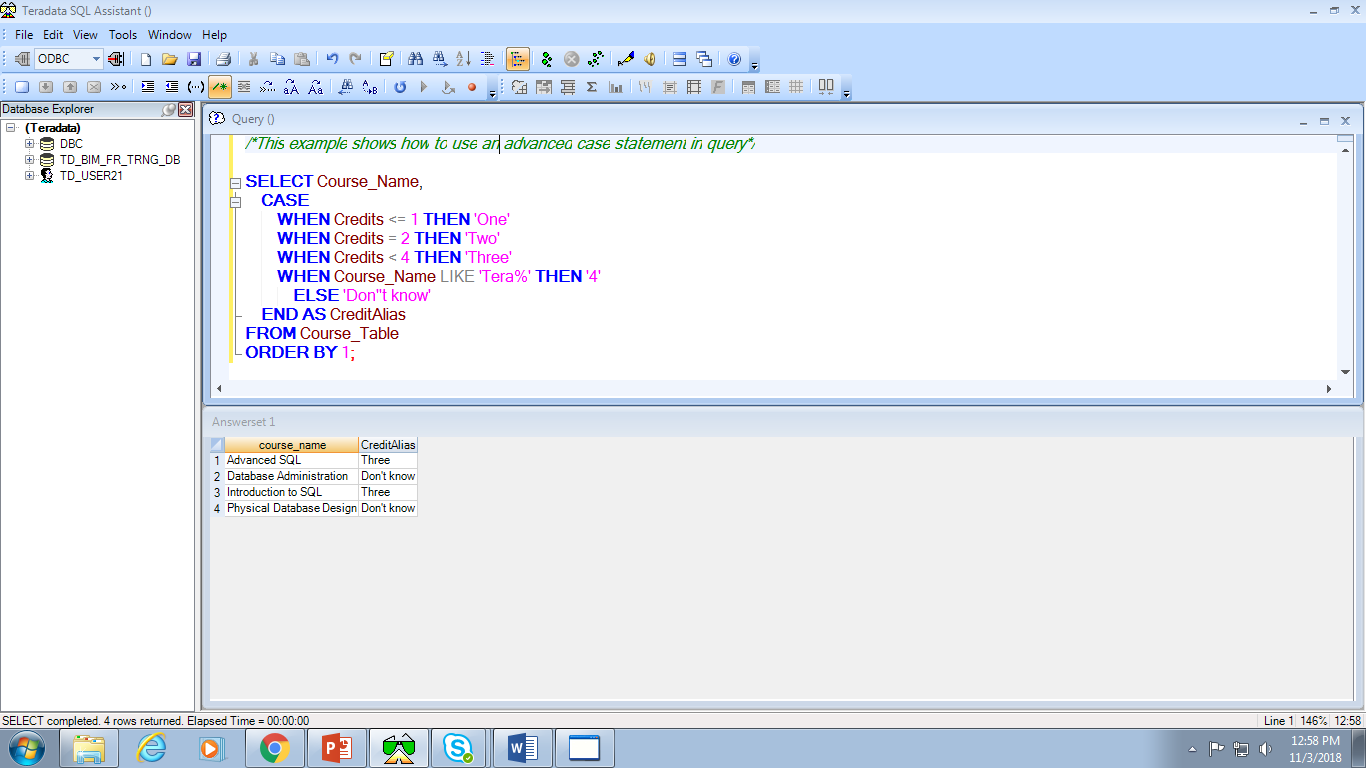
**Using Substring**



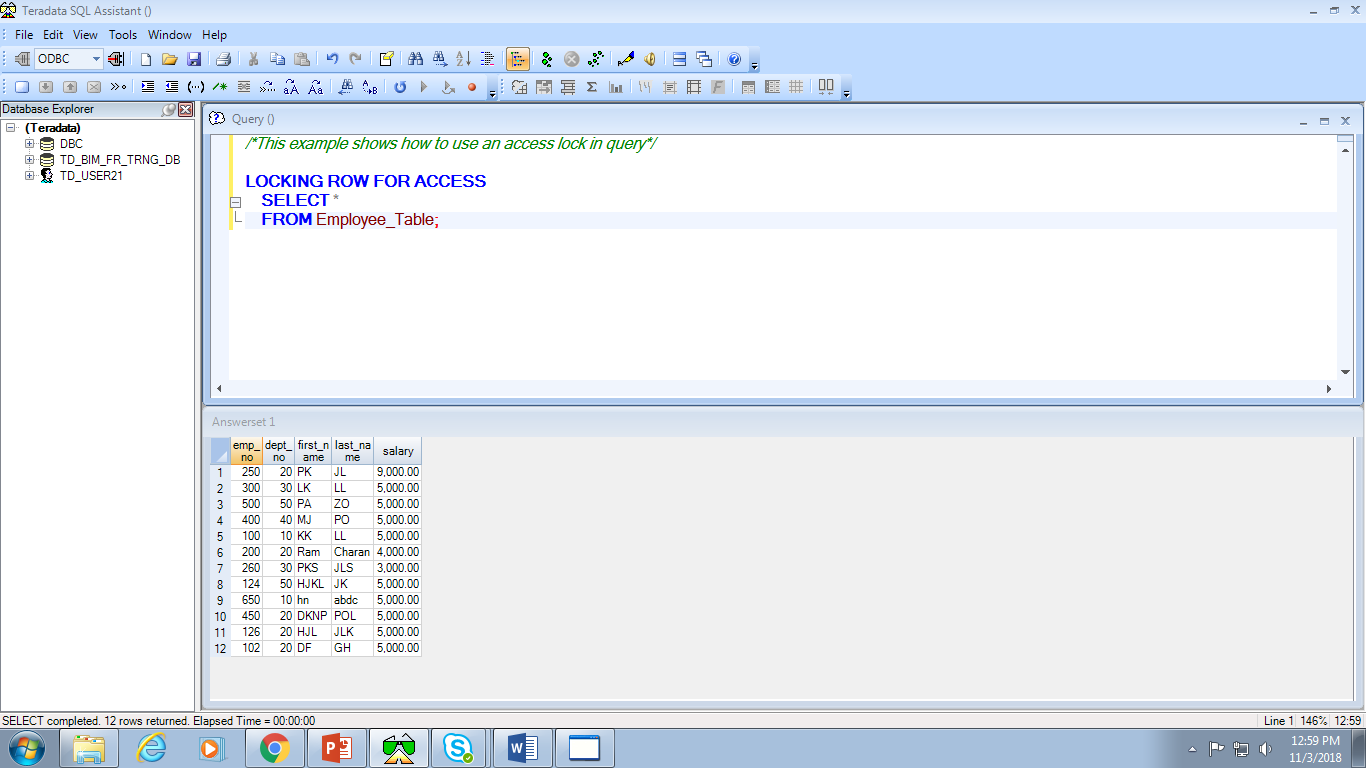
**Basic CASE Statement**



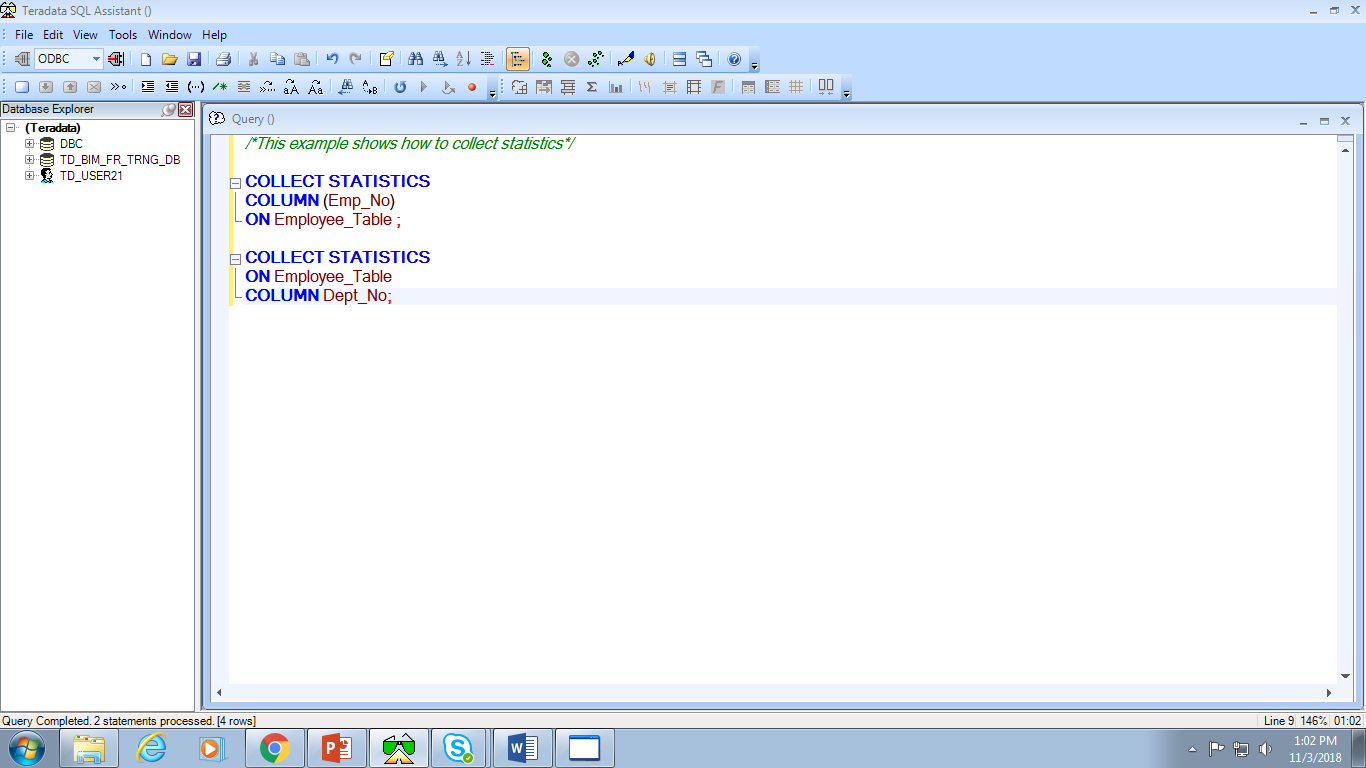
**Advanced CASE Statement**



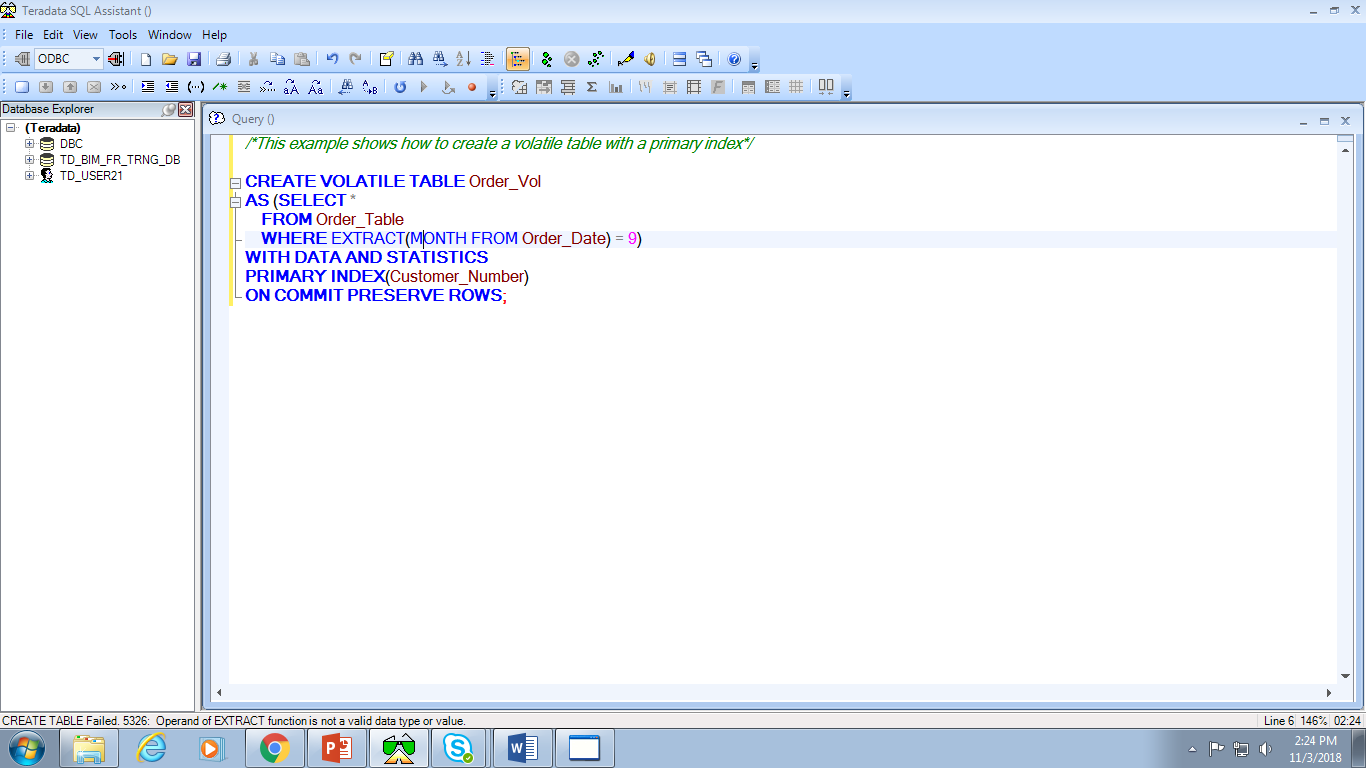
**Using an Access Lock in your SQL**



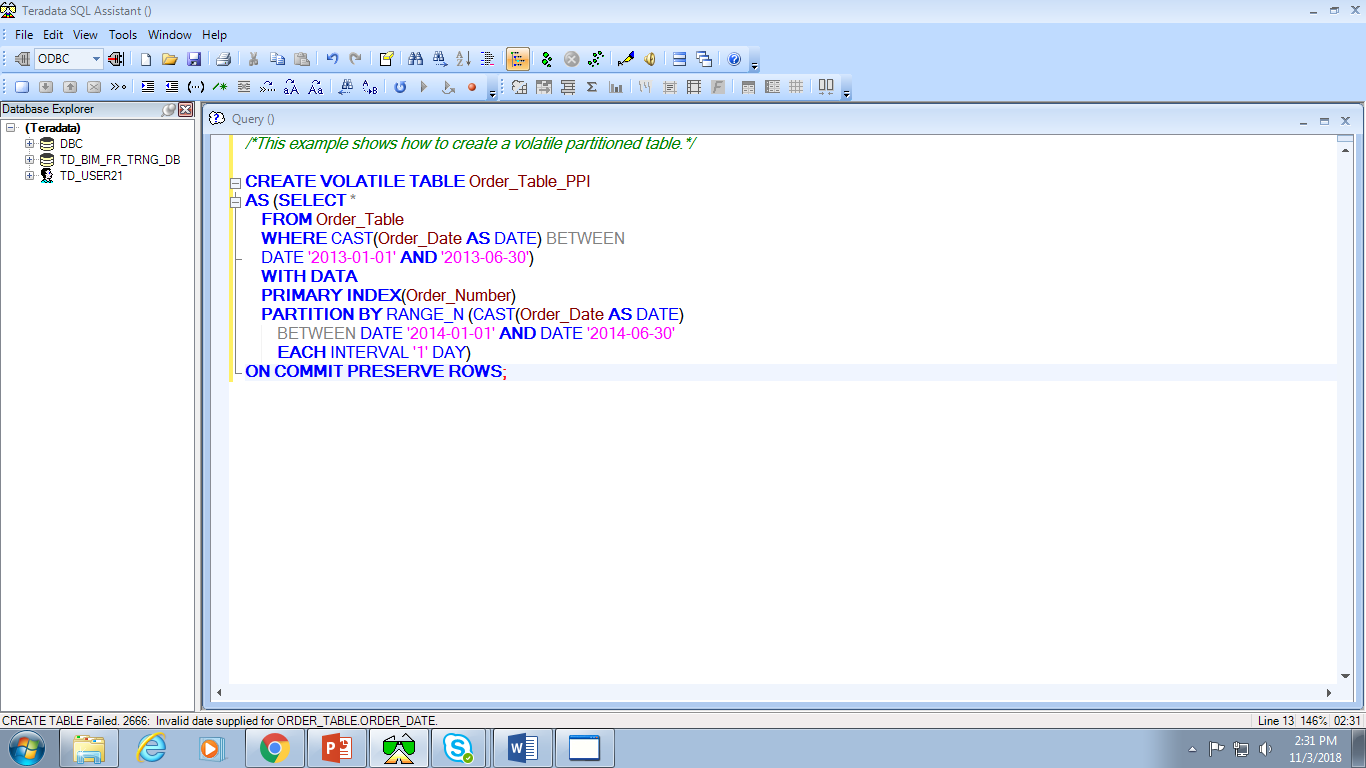
**Collect Statistics**



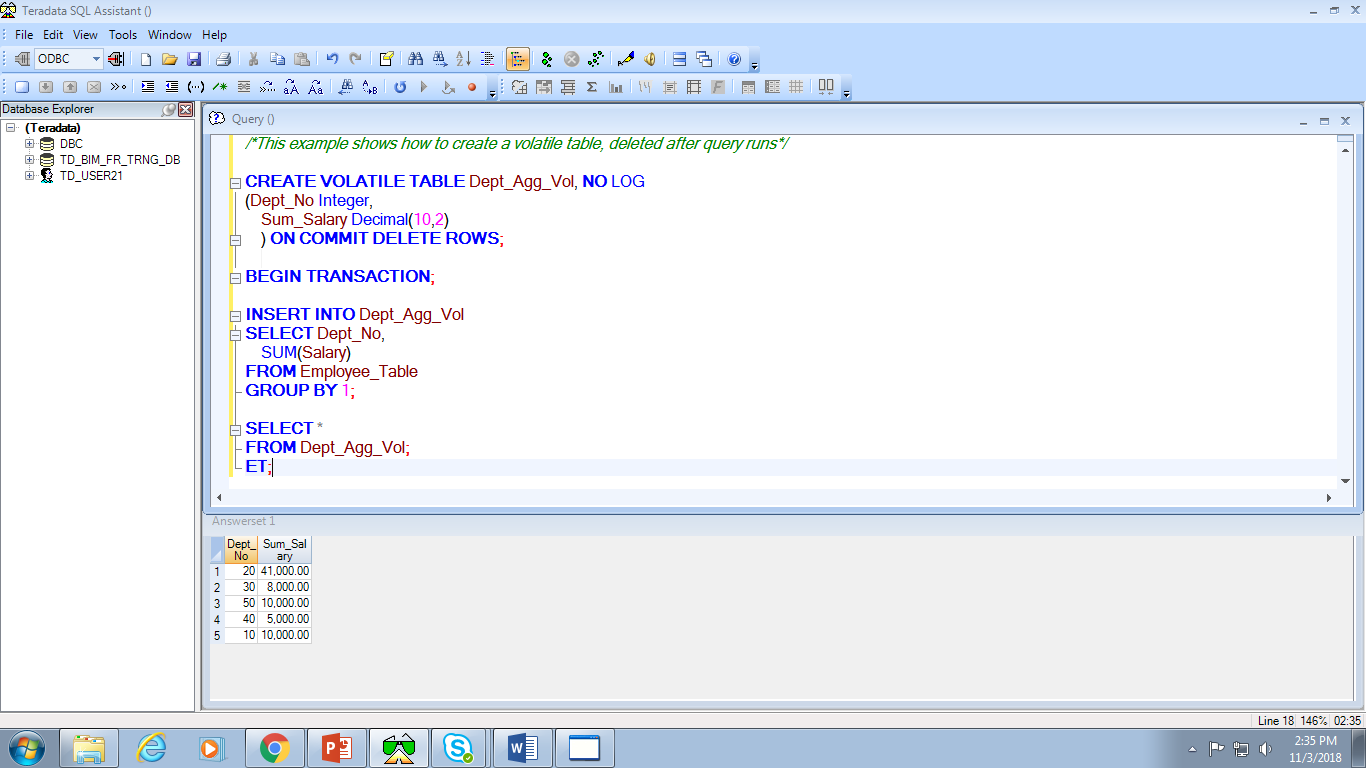
**CREATING a Volatile Table with a Primary Index**



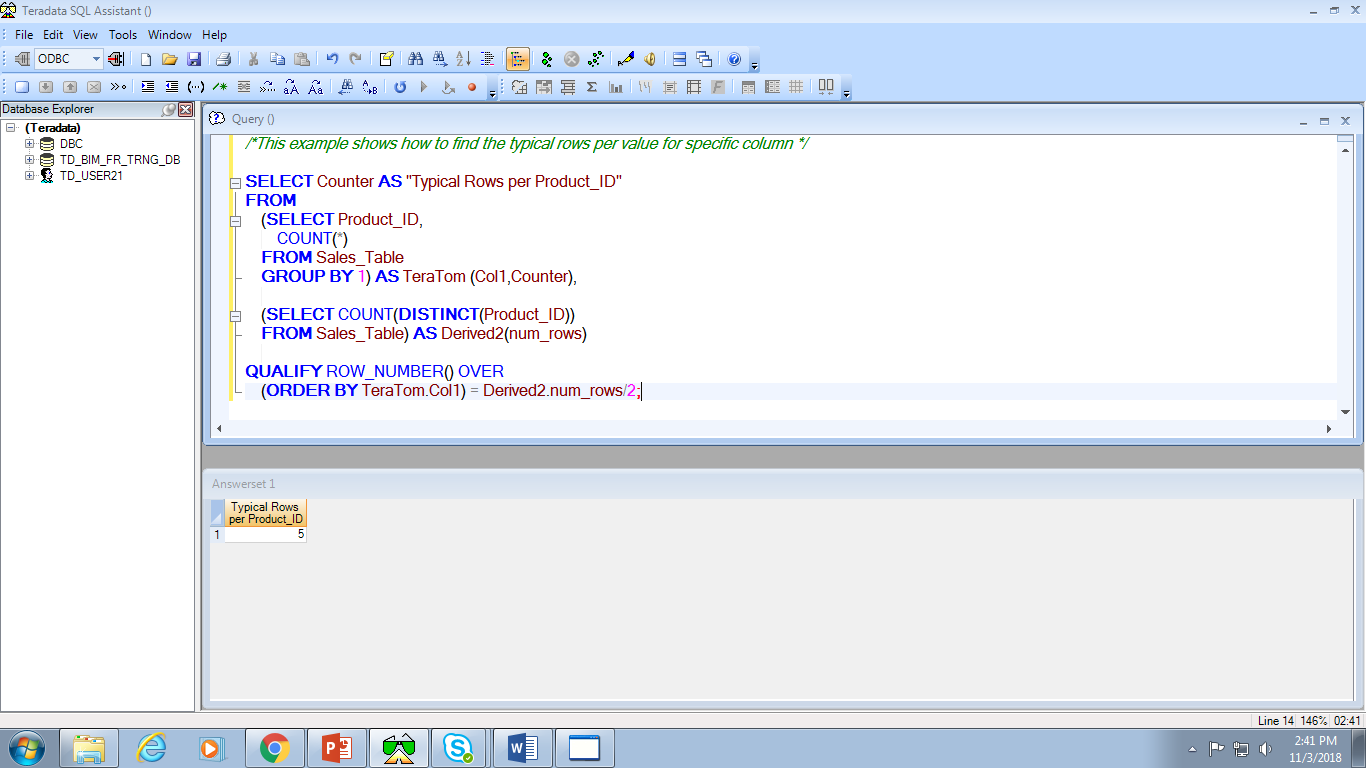
**CREATING a Volatile Table that is Partitioned (PPI)**



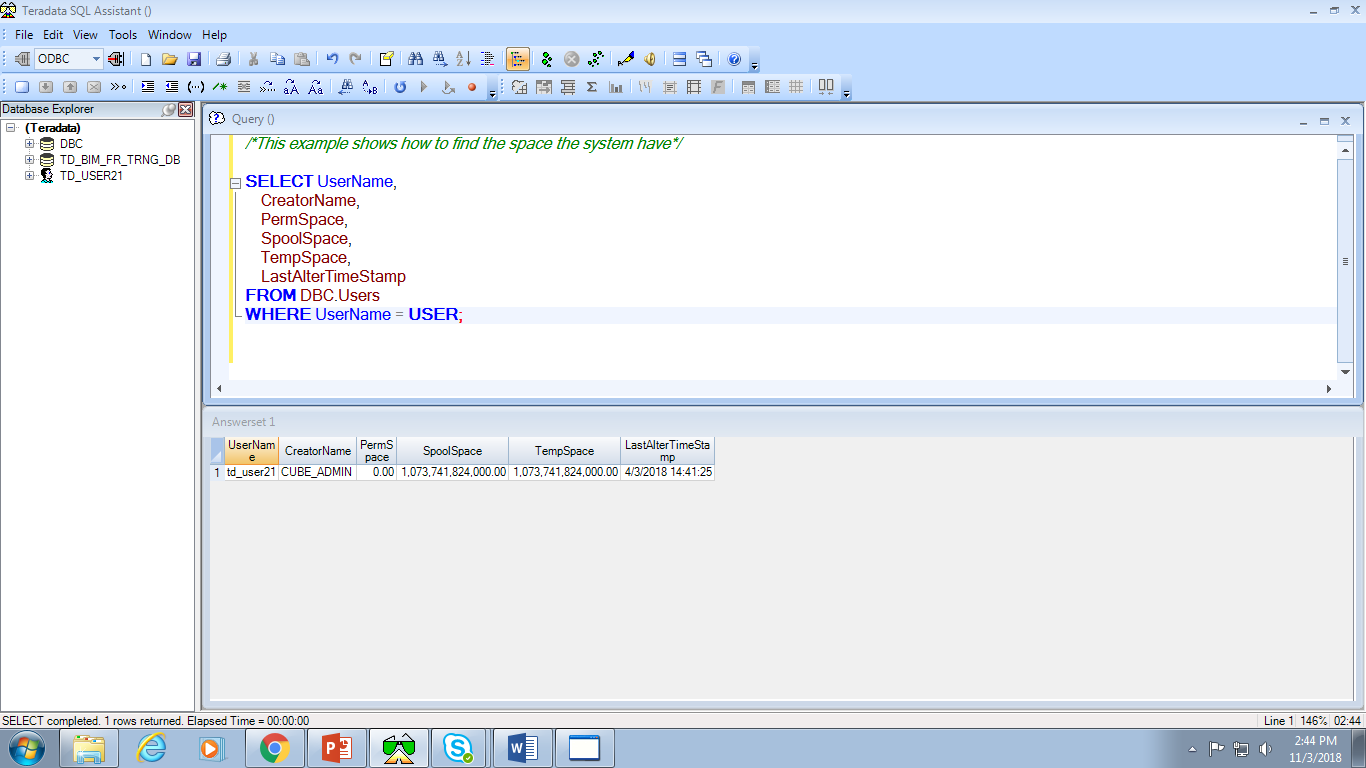
**CREATING a Volatile Table that is deleted after the query**



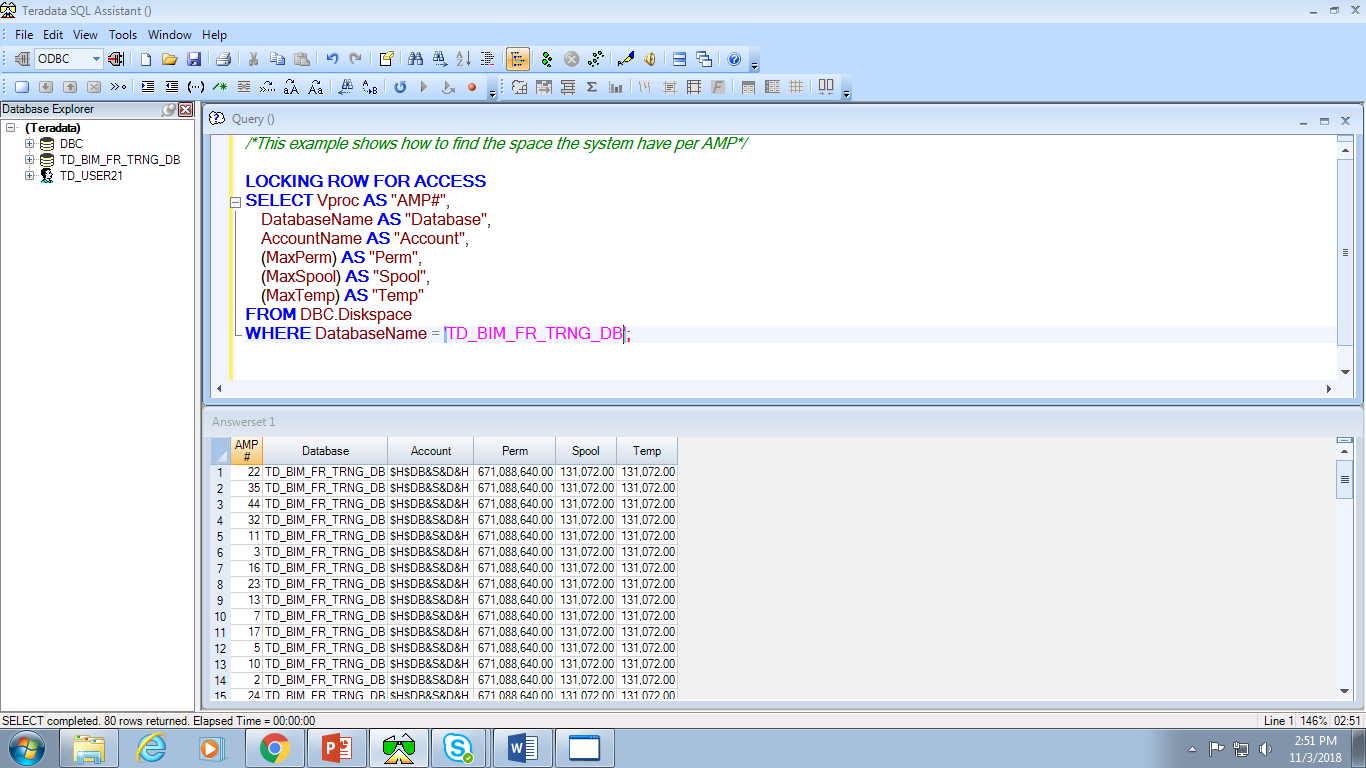
**Finding the Typical Rows per Value for specific column**



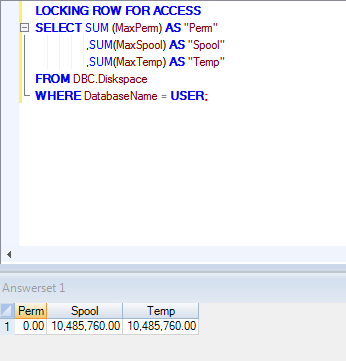
**Finding out how much Space System have**



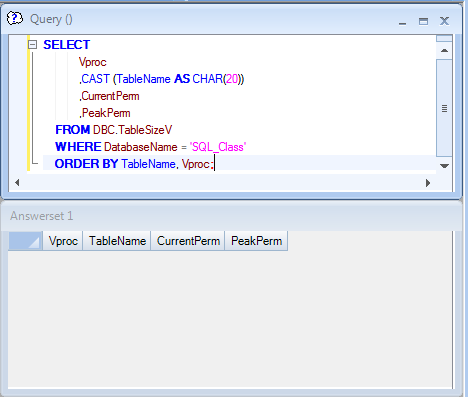
**How much Space system have per AMP**



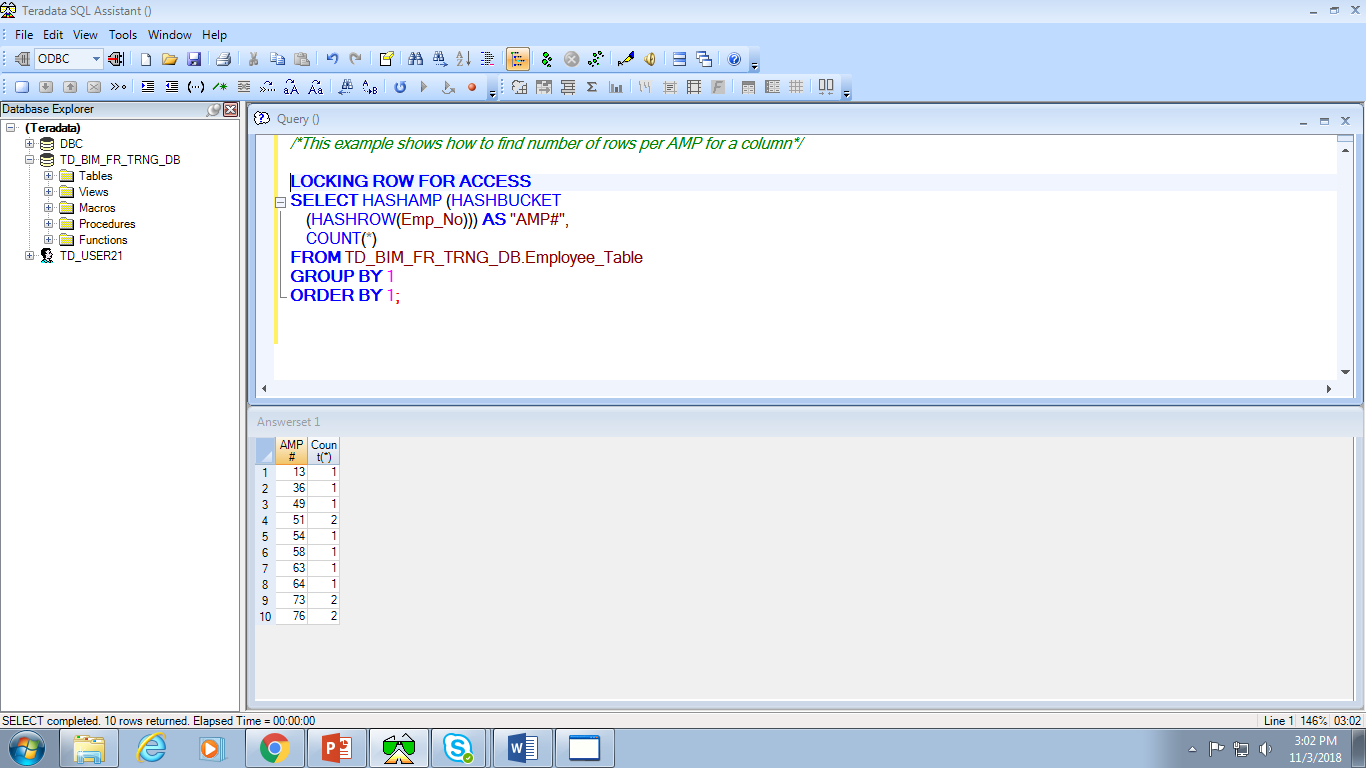
**Finding System’s Space**



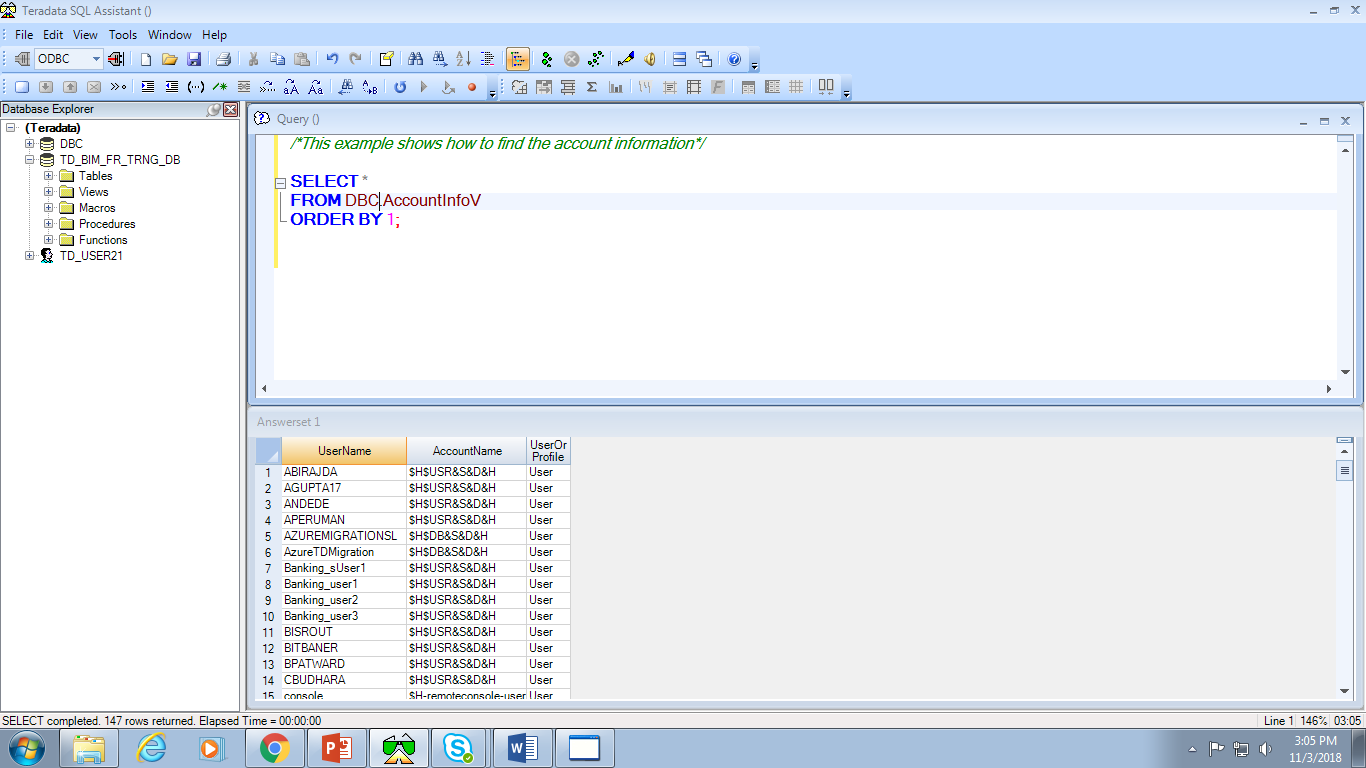
**Finding Space Skew in Tables in a Database**



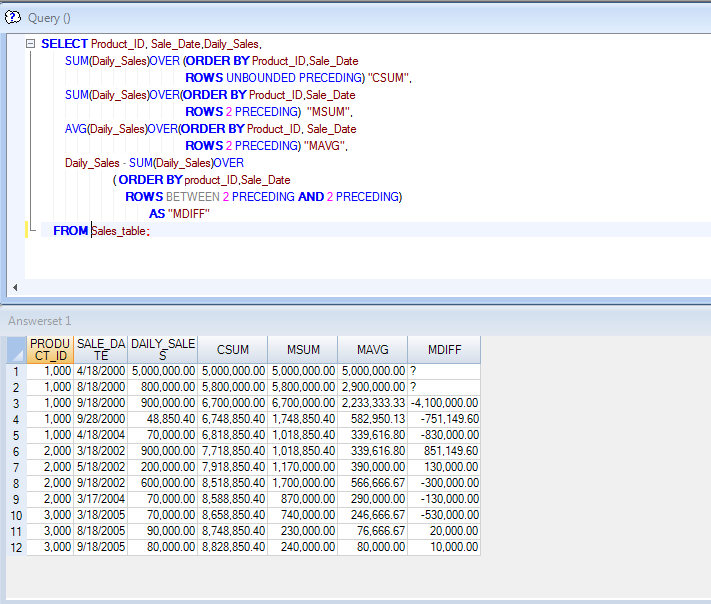
**Finding the Number of Rows per AMP for a column**



**Finding Account Information**

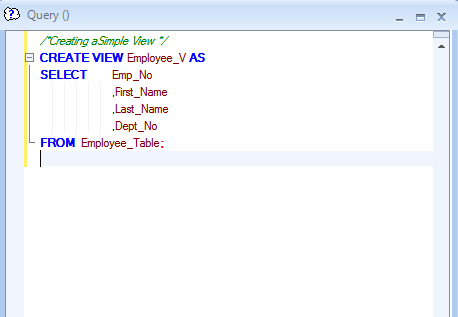


**Order Analytics**

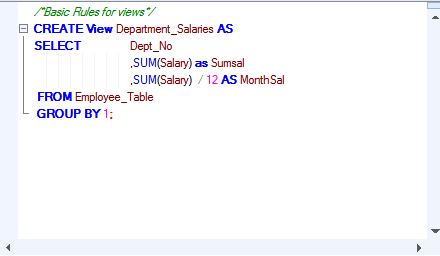


**View Functions**

**Creating a Simple View**



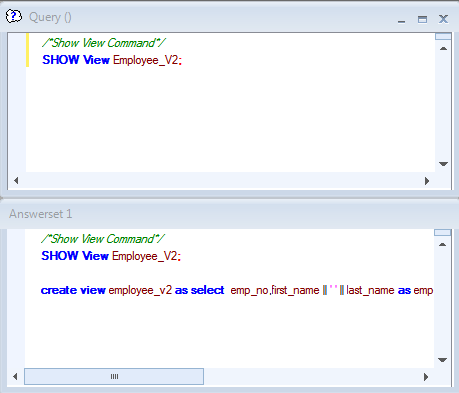
**Basic Rules for Views**

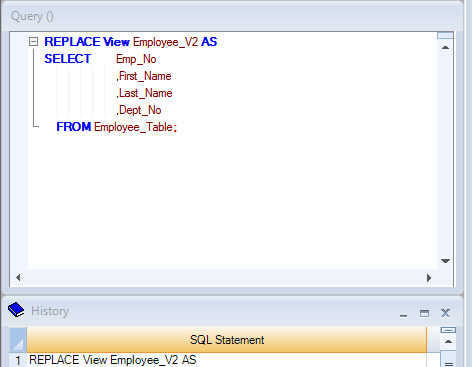




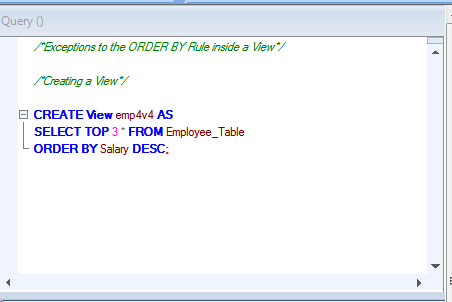
**How to Modify a View**





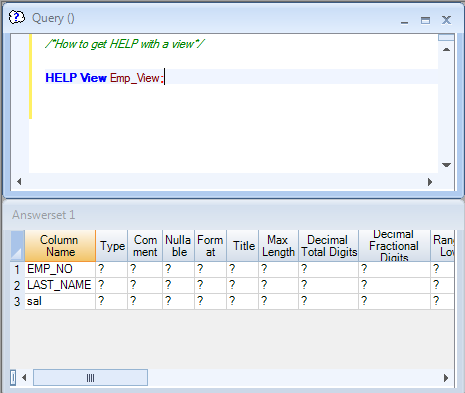


**Exceptions to the ORDER BY Rule inside a View**

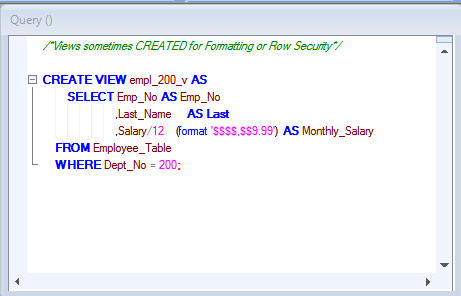


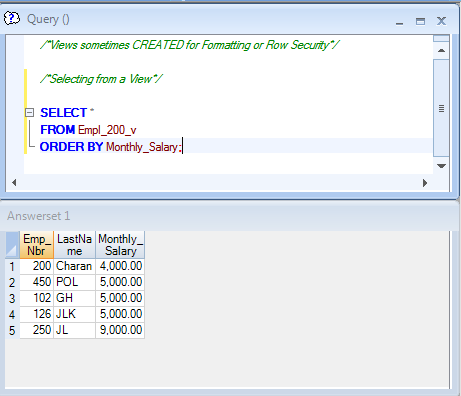


**How to Get HELP with a View**

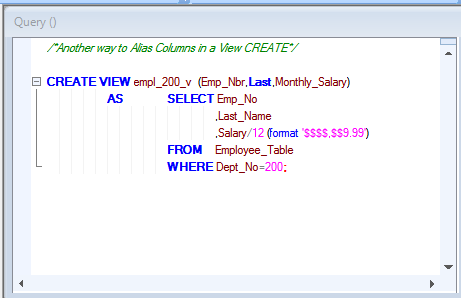


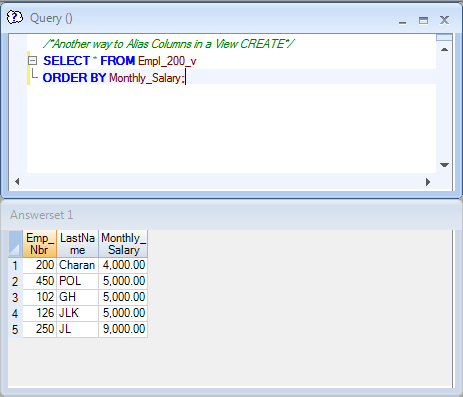
**Views sometimes CREATED for Formatting or Row Sequrity**



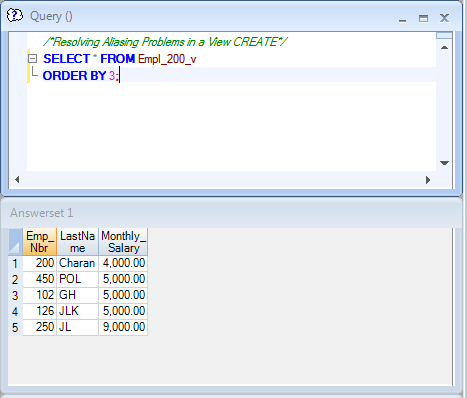
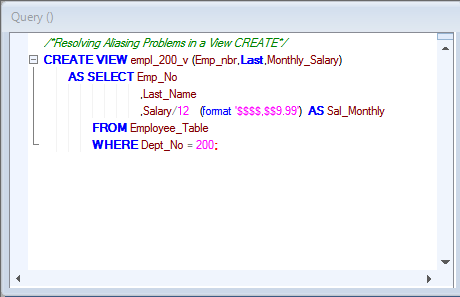


**Another Way to Alias Columns in a View CREATE**

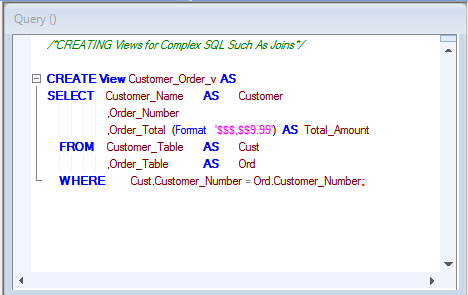


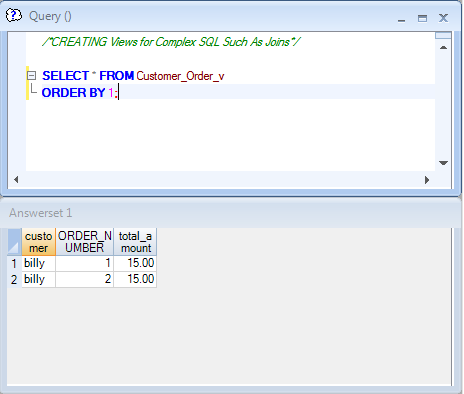


**Resolving Aliasing Problems in a View CREATE**

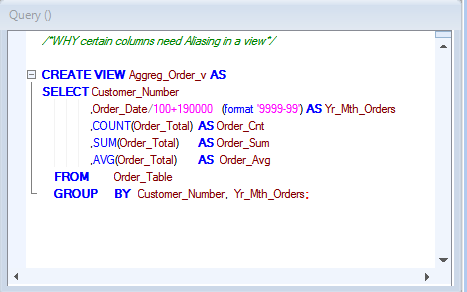


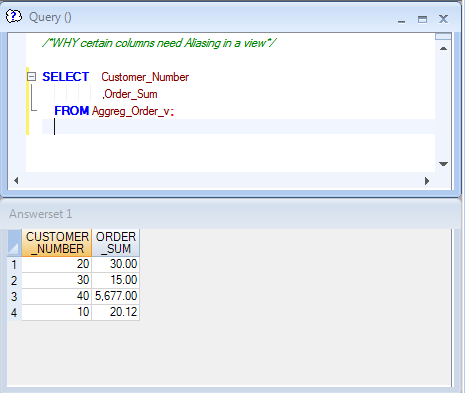
**CREATING Views for complex SQL such as JOINS**



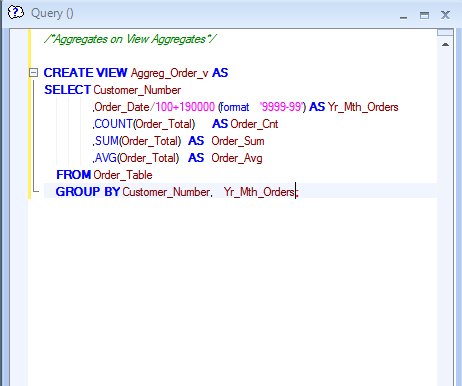


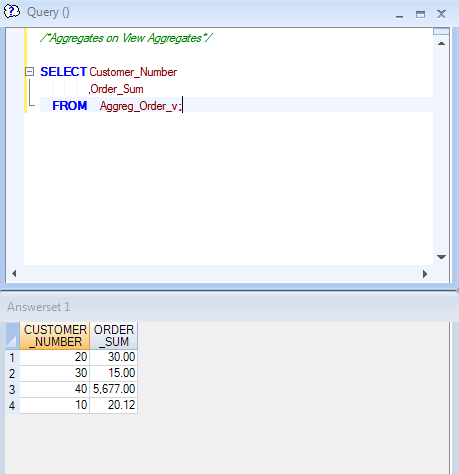
**WHY certain columns need Aliasing in a View**

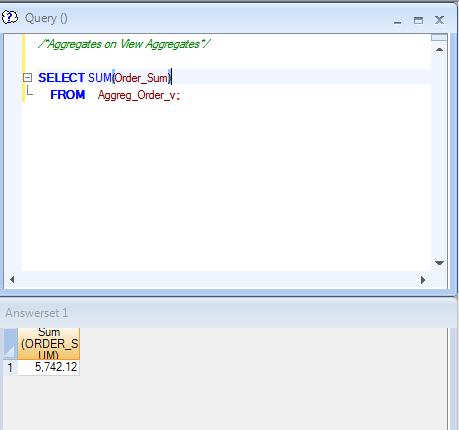




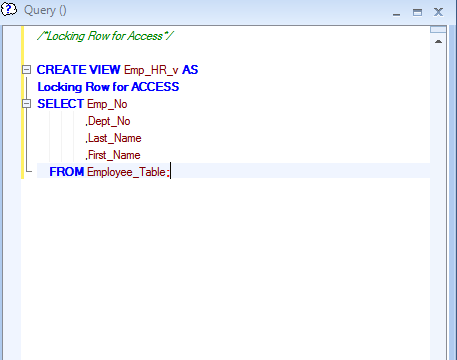
**Aggregates on View Aggregates**

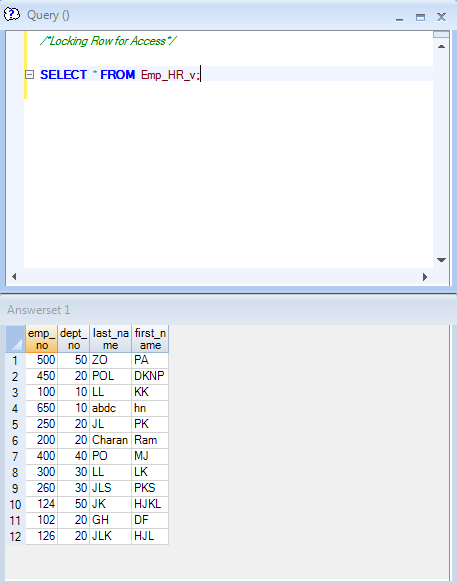




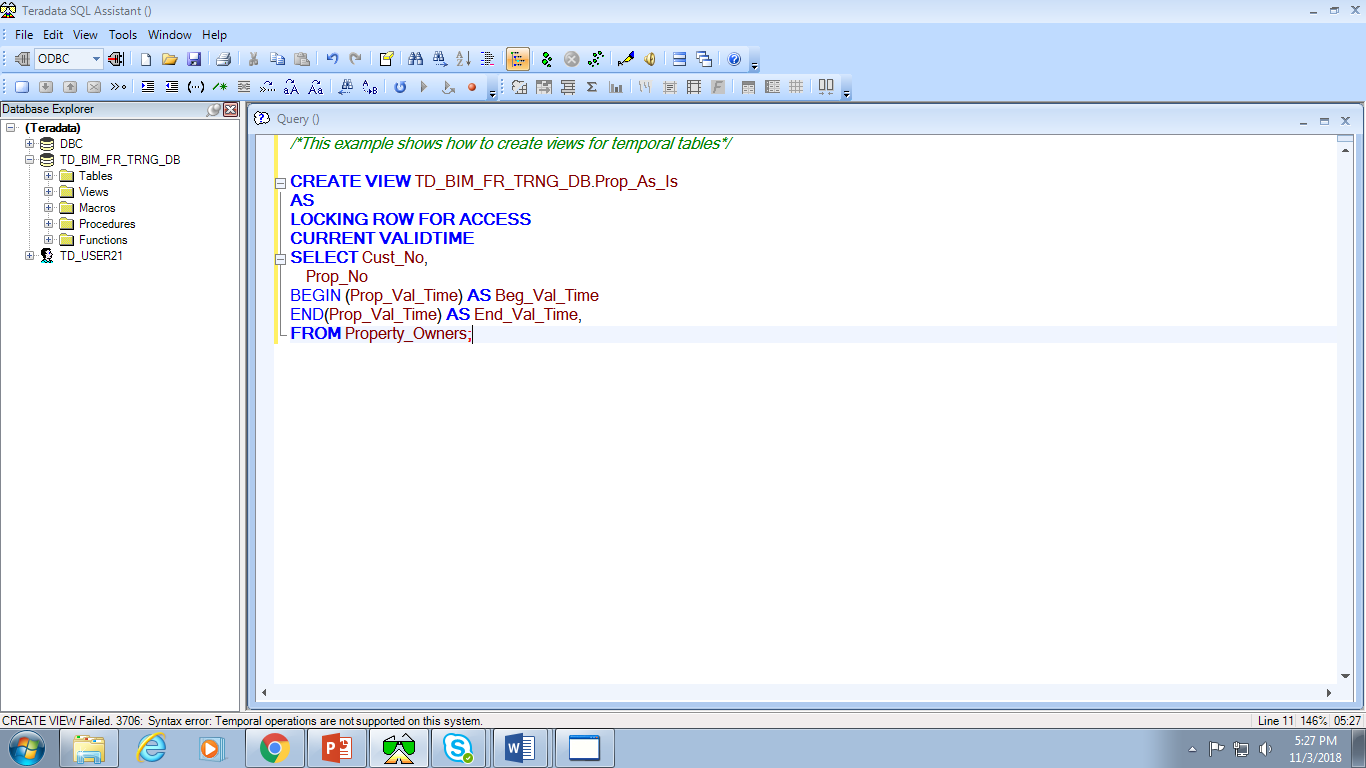


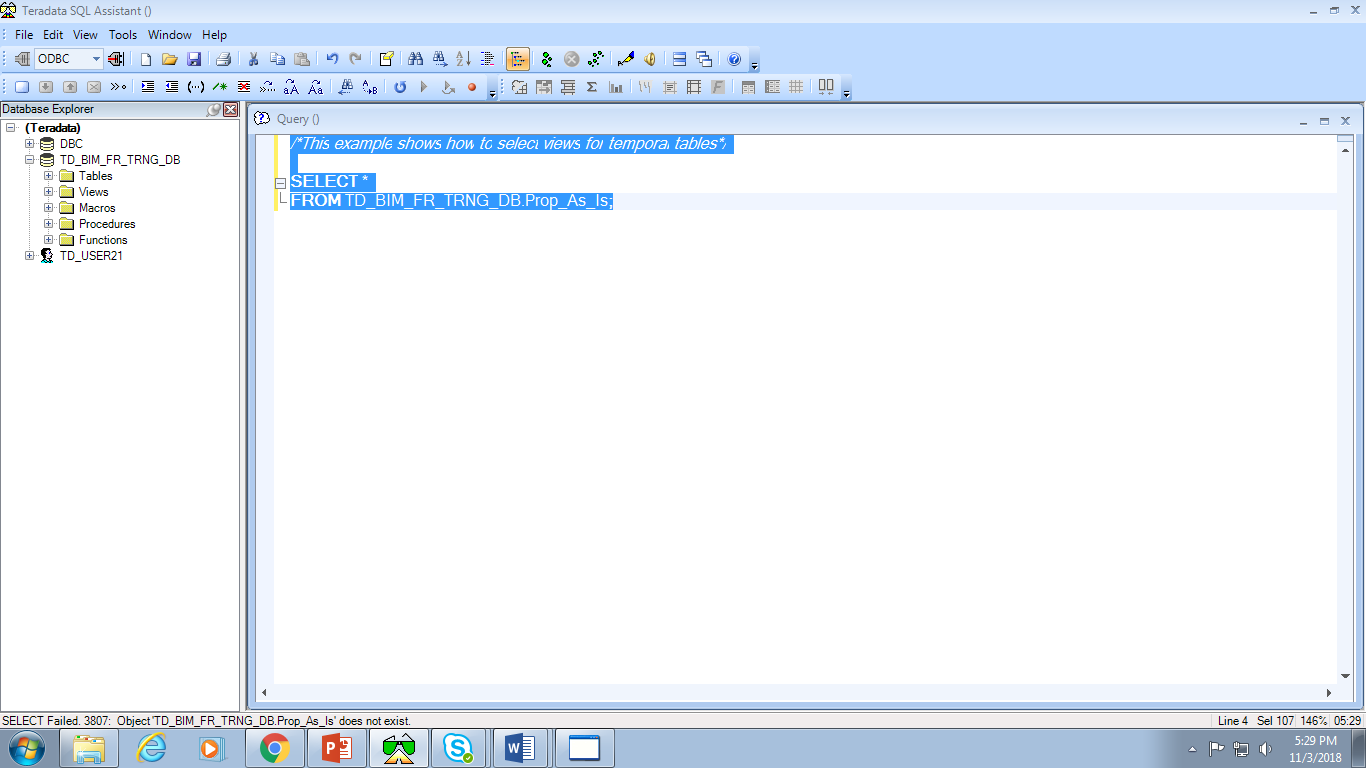
**Locking Row for Access**

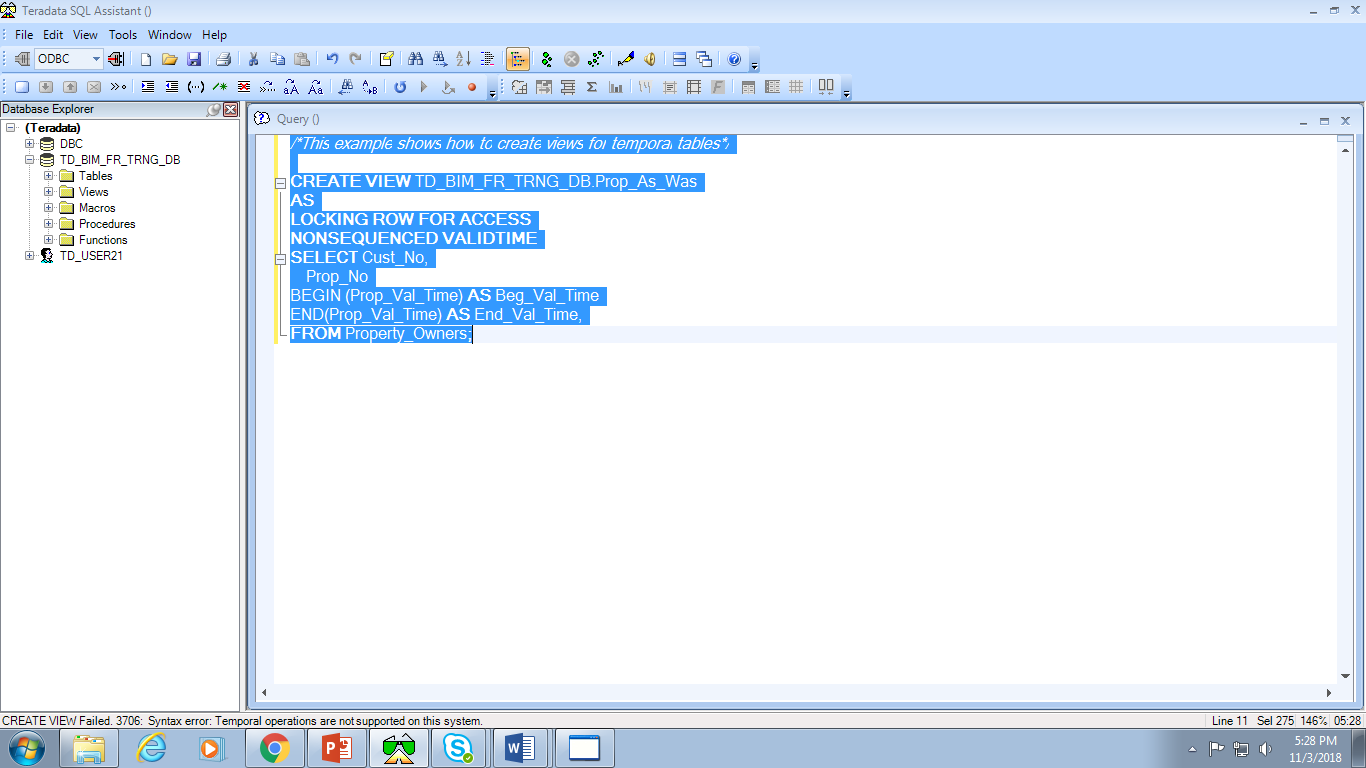


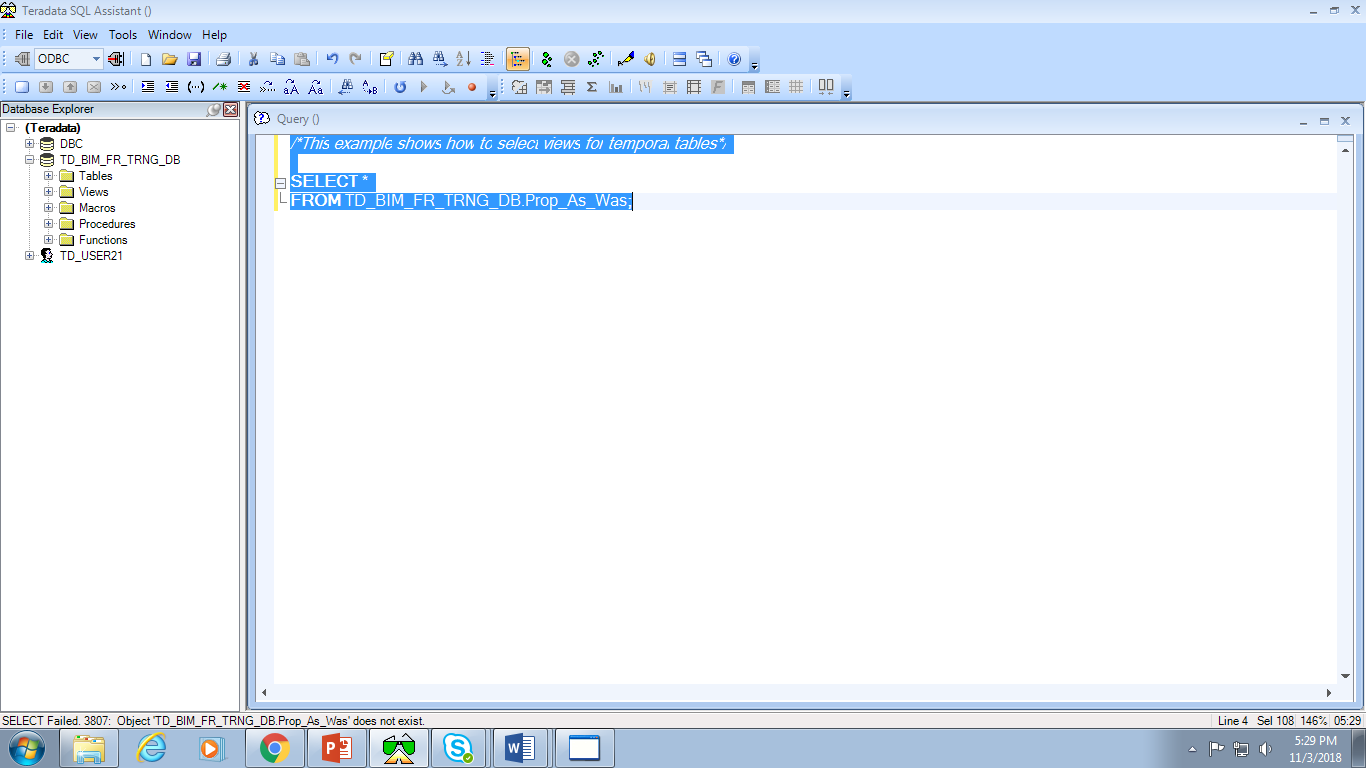


**Creating Views for Temporal Tables**

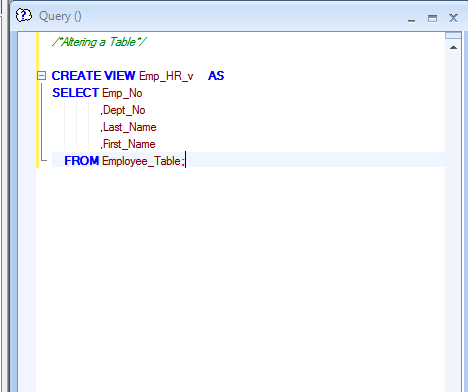


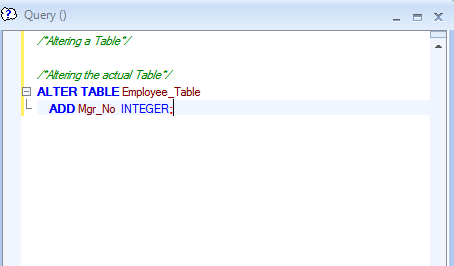


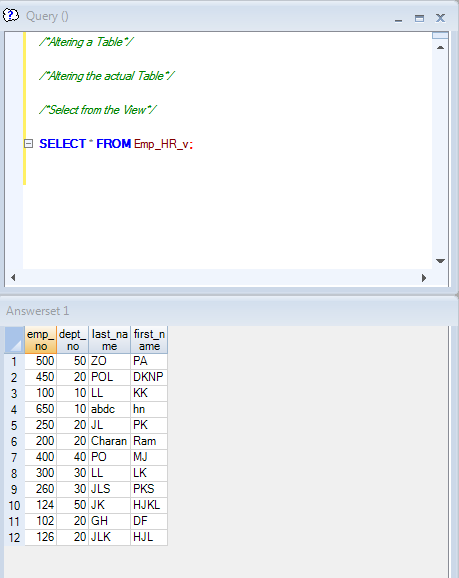




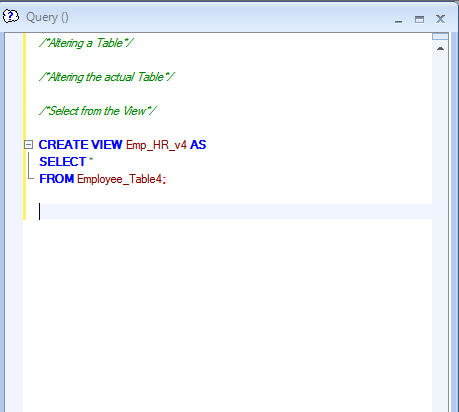
**Altering a Table**

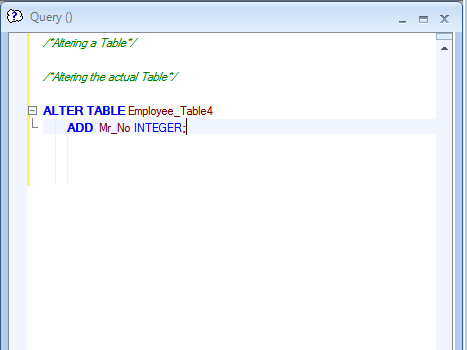


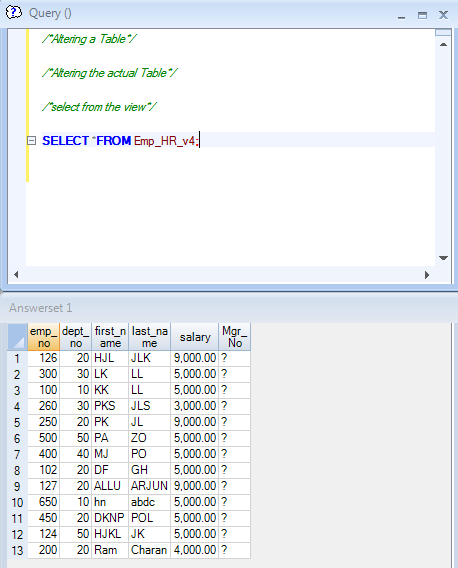




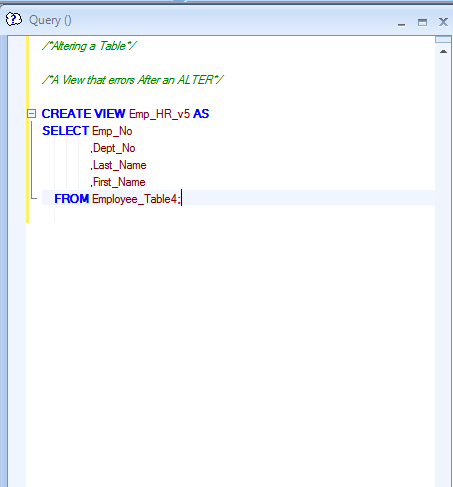
**Altering a Table after a View has been created**

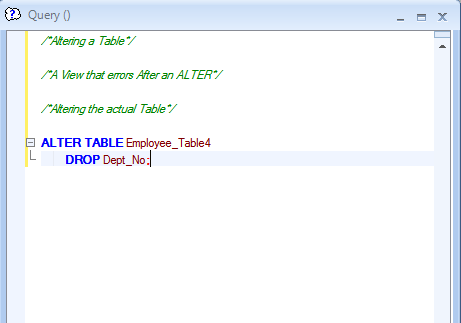


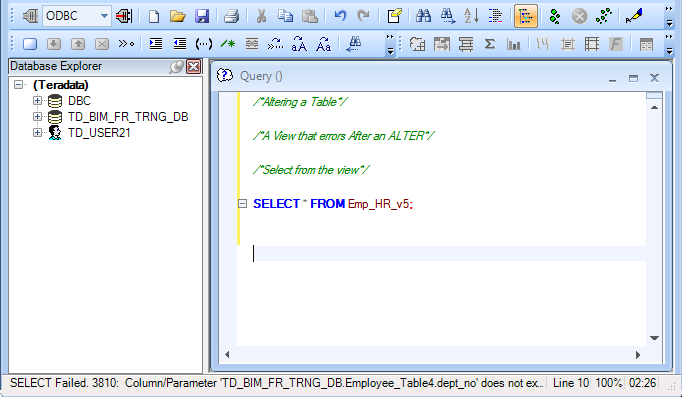




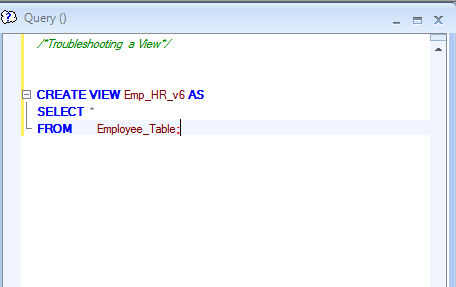
**A View that errors After an ALTER**







**Troubleshooting a View**



**Updating Data in a Table through a View**

