Lab 2 - Introduction to Transact-SQL

Content:

- Learning MS SQL Server 2014
- Practising T-SQL

References

[1] Lab 2 – Database system (Instruction)
[2] Book: Beginning SQL Server 2012 for Developers
[3] Tutorial: http://www.tutorialspoint.com/sql
[4] https://sites.google.com/site/nttsteaching/home/database

Task 1: Learning Transact-SQL and Query Editor in MS SQL Server 2014

<Follow Part 1 and Part 2 in the instruction of Lab 2 – Database system>

Task 2: Practising T-SQL

<Follow Part 3 and Part 4 in the instruction of Lab 2 – Database system>

Using/restoring the ApressFinancial database provided,

- Create Transactions, TransactionTypes, CustomerProducts, FinancialProducts, SharePrices, and Shares tables. You need to declare integrity constraints, e.g. primary keys or foreign keys, for these tables.
- Insert data into the tables.
- Add a CK_CustProds_AmtCheck constraint on the AmountToCollect column in the CustomerProducts table: AmountToCollect > 0.
- Add a DEFAULT(0) value constraint on the Renewable column in the CustomerProducts table.
- Insert data into the CustomerProducts table.
- Select data from all tables.

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