Workshop 1

Getting started with MS SQL Server

Learning outcomes

Upon successful completion of this workshop, you will have demonstrated the abilities to:

1. Connect to a SQL server Database engine.
2. Identify the modes of authentication to SQL server database engine.
3. Identify and navigate objects in the object explorer.
4. Create a new database.

Before you start

Install MS sql server on you laptop, download and install [Microsoft® SQL Server® 2014 Express](https://www.microsoft.com/en-ca/download/details.aspx?id=42299). This requires downloading and installing [Microsoft .Net Framework 4.0.](http://go.microsoft.com/fwlink/?LinkId=186791) Follow the installation instructions [here](https://www.sqlshack.com/how-to-install-sql-server-2014-management-studio/). You can also refer to the SSMS installation file.

Student declaration form

1- Add this declaration on the top of your Lab1.docx file.

We, ------------(mention your names), declare that the attached assignment is our own work in accordance with the Seneca Academic Policy. No part of this assignment has been copied manually or electronically from any other source (including web sites) **or distributed to other students.**

2- Specify what each member has done towards the completion of this work:

|  |  |  |
| --- | --- | --- |
|  | Name | Task(s) |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

Instructions

**Part I: The Team Contract**

This week, you worked on preparing a team contract. This contract must contain “Team Procedures”, “Team Expectations” and “Consequences”. See the following links for samples:

* Guidelines for writing team contracts- University of Arizona: <http://math.arizona.edu/~kerimar/Team%20Contract.doc>
* Team Contract- Georgia Tech: <http://www.cc.gatech.edu/~simpkins/teaching/gatech/cs4911/project/team-contract.pdf>

Submit a signed copy of the contract as Team\_Contract.docx.

**Part II: Create a new Database**

1. Connect to SQL server management studio. Refer to the ssms installation file.
2. Click the arrow next to your server.
3. Right-click the Databases folder.
4. In the context menu, select New Database.
5. Enter the database name as TinyCollege.
6. Click on “New Query” in the top ribbon, make sure the TinyCollege database is selected.
7. Copy and paste the content of the TinyCollege\_SQL.txt in the SQL query canvas, then click Execute (or hit F5).
8. Righ click on Databases and refresh. You can now see the TinyCollege database created.
9. Expand the TinyCollege database, then expand Tables, you should see the following tables: CLASS, COURSE, ENROLL and STUDENT.

SUBMISSION

* Show to your instructor that you have successfully created the TinyCollege database.
* Please submit the following file through Blackboard. Only one person must submit for the team: Team\_Contract.docx

Graphical user interface, text

Description automatically generated