Class Number Name Data

**Experiment topic：**

Experiment 1 Creating and managing the database

Experiment 2 Creating table and entering data

1. **Experimental objectives**

Be familiar with the window of SQL Server Management Studio.

Master the method of creating database.

Master the methods of managing databases.

Be familiar with the operation of creating data tables.

Master the operation of creating data tables.

Master the operation of data input and modification.

1. **Experimental tasks**
   1. Experimental contents

Experiment 1:

1）Open the ‘SQL Server Management Studio’ window, expand the server in the

‘Object Explorer’, then right-click the ‘Database’ node, click the ‘New

Database’ command, finally, the ‘New Database’ dialog box will appear.

2）After entering the database ‘XSCJ’ in the ‘Database Name’ box of the ‘New

Database’ dialog box, you can create a database with the default size by clicking

the ‘OK’ button.

3）Right-click the ‘XSCJ’ database, and select the ‘Properties’ command in the

pop-up shortcut menu, the ‘Database Properties’ dialog box will appear.

4）You can add or delete database files by click the ‘File’ tab, and click the ‘OK’

button to complete the database modification.

Experiment 2:

1）Open ‘SQL server Management Studio’ window，click on the ‘New Query’ button in the ‘standard’ toolbar, and the interface as shown in the figure will appear.

2）In the ‘SQL Editor’ toolbar, click the drop-down button on the right side of ‘Available Database’ to switch the current database to ‘XSCJ’ database.

3）In the query window, input the query statements of creating tables.

4）In the ‘Object Explorer’, unfold the database ‘XSCJ’, right-click the ‘table’ node, and click the ‘refresh’ command in the pop-up shortcut menu, you can see the 3tables that have been created above.

5）Right-click each table and chose the ‘create the first 200 rows’ command in the drop-down menu, and input data for each table, note the input order of the three tables

2.2 Experimental preparation

Review the SQL main clauses that will be used in this experiment, and write down the right way to use the clauses in the examples.

1. **Task solutions**

**Analyzes the tasks in the task book, and gives the SQL statements of all the tasks.**