

Database Concepts, 8e (Kroenke)

Appendix A Getting Started with Microsoft SQL Server 2016

1) To start working with SQL Server 2016 in Windows 10, use the command Start | All Apps | Microsoft SQL Server 2016 | Microsoft SQL Server Management Studio.

Answer: TRUE

Diff: 1 Page Ref: A-34

AACSB: Information Technology

Chapter Obj: Learn how to create a database in SQL Server 2016

Classification: Concept

2) Users log into SQL Server 2016 using the Connect to Server dialog box.

Answer: TRUE

Diff: 1 Page Ref: A-34-A-35

AACSB: Information Technology

Chapter Obj: Learn how to create a database in SQL Server 2016

Classification: Concept

3) SQL Server 2016 uses DBMS authentication by default.

Answer: FALSE

Diff: 2 Page Ref: A-34

AACSB: Information Technology

Chapter Obj: Learn how to create a database in SQL Server 2016

Classification: Concept

4) Database objects are displayed in the Object Explorer window in the SQL Server Management Studio.

Answer: TRUE

Diff: 1 Page Ref: A-34

AACSB: Information Technology

Chapter Obj: Learn how to create a database in SQL Server 2016

Classification: Concept

5) A new SQL Server database is created using the New Database dialog box.

Answer: TRUE

Diff: 2 Page Ref: A-37

AACSB: Information Technology

Chapter Obj: Learn how to create a database in SQL Server 2016

Classification: Concept

6) Logging into the SQL Server 2016 Express DBMS is done using _____.

- A) the Connect to Server command
- B) the Connect to Server dialog box
- C) the Connect to SQL Server Instance command
- D) the Connect to SQL Server Instance dialog box
- E) None of the above is correct.

Answer: B

Diff: 2 Page Ref: A-34-A35

AACSB: Information Technology

Chapter Obj: Learn how to create a database in SQL Server 2016

Classification: Concept

7) SQL Server DBMS objects are displayed _____.

- A) in the Navigation Pane
- B) in the Object Explorer
- C) in the tabbed database window
- D) in the tabbed document window
- E) in the command tab

Answer: B

Diff: 2 Page Ref: A-34

AACSB: Information Technology

Chapter Obj: Learn how to create a database in SQL Server 2016

Classification: Concept

8) A new SQL Server database is created using _____.

- A) the New Database dialog box
- B) the Create Database command
- C) the Create New Schema dialog box
- D) the Create Schema command
- E) the New Object dialog box

Answer: A

Diff: 2 Page Ref: A-37

AACSB: Information Technology

Chapter Obj: Learn how to create a database in SQL Server 2016

Classification: Concept

9) Users log into SQL Server 2016 Express using the _____ dialog box.

Answer: Connect to Server

Diff: 2 Page Ref: A-34-A-35

AACSB: Information Technology

Chapter Obj: Learn how to create a database in SQL Server 2016

Classification: Concept

10) SQL Server 2016 uses _____ authentication by default.

Answer: Windows

Diff: 2 Page Ref: A-34

AACSB: Information Technology

Chapter Obj: Learn how to create a database in SQL Server 2016

Classification: Concept

11) Database objects are displayed in the _____ window in the SQL Server Management Studio.

Answer: Object Explorer

Diff: 2 Page Ref: A-34

AACSB: Information Technology

Chapter Obj: Learn how to create a database in SQL Server 2016

Classification: Concept

12) A new SQL Server database is created using the _____ dialog box.

Answer: New Database

Diff: 1 Page Ref: A-37

AACSB: Information Technology

Chapter Obj: Learn how to create a database in SQL Server 2016

Classification: Concept

13) Describe how to create a new database in SQL Server 2016 Express.

Answer: In SQL Server 2016, new databases are created in the SQL Server Management Studio. Right-click the Databases folder object to display a shortcut menu, then click the New Database command. The New Database dialog box is displayed. In the New Database dialog box, enter the database name and any other needed data. Click the OK button to create the database.

Diff: 2 Page Ref: A-37-A-38

AACSB: Information Technology

Chapter Obj: Learn how to create a database in SQL Server 2016

Classification: Concept

14) To properly import a table from Microsoft Excel 2016, which of the following steps is not taken?

- A) Use the SQL Server Import and Export Wizard to import data into a temporary table
- B) Use an SQL Create Table statement to create the actual table
- C) Use SQL Server to normalize the table
- D) Use an SQL Insert statement to copy data from the temporary table to the actual table
- E) Delete the temporary table from the database

Answer: C

Diff: 2 Page Ref: A-55

AACSB: Information Technology

Chapter Obj: Learn how to import Microsoft Excel worksheet data into a database

Classification: Concept

15) SQL Server 2016 Express requires that the .NET Framework version 3.5 be automatically installed.

Answer: FALSE

Diff: 1 Page Ref: A-7

AACSB: Information Technology

Chapter Obj: Learn how to install SQL Server 2016

Classification: Concept

16) An important reason for using SQL Server 2016 Express is that it has full SQL capabilities.

Answer: TRUE

Diff: 1 Page Ref: A-5

AACSB: Information Technology

Chapter Obj: Learn how to install SQL Server 2016

Classification: Concept

17) Microsoft .NET Framework 4.6.1 is provided by Windows 10.

Answer: TRUE

Diff: 1 Page Ref: A-7

AACSB: Information Technology

Chapter Obj: Learn how to install SQL Server 2016

Classification: Concept

18) Microsoft SQL Server 2016 Express Advanced includes _____.

A) MySQL Workbench

B) SQL Server 2016 Reporting Services

C) Windows Installer 4.5

D) Oracle Advanced Analytics

E) Maximum database size of 524 Petabytes

Answer: B

Diff: 2 Page Ref: A-5

AACSB: Information Technology

Chapter Obj: Learn how to install SQL Server 2016

Classification: Concept

19) SQL Server 2016 requires that _____ be installed.

Answer: the .NET Framework version 4.6.1

Diff: 2 Page Ref: A-7

AACSB: Information Technology

Chapter Obj: Learn how to install SQL Server 2016

Classification: Concept

20) The _____ edition is a free, single-user version of the Enterprise Edition.

Answer: Developer

Diff: 1 Page Ref: A-5

AACSB: Information Technology

Chapter Obj: Learn how to install SQL Server 2016

Classification: Concept

21) The Microsoft SQL Server 2016 Management Studio is included with Microsoft SQL Server 2016 Express Advanced.

Answer: TRUE

Diff: 1 Page Ref: A-30

AACSB: Information Technology

Chapter Obj: Learn how to install SQL Server Management Studio

Classification: Concept

22) When SQL Server 2016 is installed, the SQL Server 2016 ODBC client is _____.

- A) installed automatically as part of the installation
- B) installed manually as a separate part of the installation process
- C) not installed, and must be downloaded and installed manually
- D) not installed because there is no ODBC client for SQL Server 2016
- E) Either A or B

Answer: A

Diff: 2 Page Ref: A-48

AACSB: Information Technology

Chapter Obj: Learn how to install the Microsoft SQL Server 2016 ODBC Client

Classification: Concept

23) The name of the SQL Server 2016 ODBC client as it appears in the ODBC Data Source Administrator is _____.

- A) SQL Server ODBC Client 2016
- B) ODBC Driver 13 for SQL Server
- C) SQL Server Native Client 2008
- D) SQL Server Native Client 2008 R2
- E) SQL Server Native Client 11.0

Answer: B

Diff: 2 Page Ref: A-48

AACSB: Information Technology

Chapter Obj: Learn how to install the Microsoft SQL Server 2016 ODBC Client

Classification: Concept

24) The ODBC Driver 11 for SQL Server is installed _____ when SQL Server 2016 is installed.

Answer: automatically

Diff: 2 Page Ref: A-48

AACSB: Information Technology

Chapter Obj: Learn how to install the Microsoft SQL Server 2016 ODBC Client

Classification: Concept

25) The name of the Microsoft SQL Server 2016 ODBC Client as it appears the ODBC Data Source Administrator is _____.

Answer: ODBC Driver 13 for SQL Server

Diff: 2 Page Ref: A-48

AACSB: Information Technology

Chapter Obj: Learn how to install the Microsoft SQL Server 2016 ODBC Client

Classification: Concept

26) SQL Server Management Studio provides a text editor to create SQL commands, such as creating tables.

Answer: TRUE

Diff: 1 Page Ref: A-40

AACSB: Information Technology

Chapter Obj: Learn how to submit SQL commands to create table structures

Classification: Concept

27) An SQL command to add data into a database is ADD INTO...

Answer: FALSE

Diff: 1 Page Ref: A-45-A-48

AACSB: Information Technology

Chapter Obj: Learn how to submit SQL commands to insert database data

Classification: Concept

28) SQL statements can be run individually or as part of a related group of SQL statements known as a script.

Answer: TRUE

Diff: 1 Page Ref: A-39

AACSB: Information Technology

Chapter Obj: Learn how to submit SQL commands to query a database

Classification: Concept

29) To run an SQL script, click the Execute button on the Query Toolbar.

Answer: FALSE

Diff: 2 Page Ref: A-48

AACSB: Information Technology

Chapter Obj: Learn how to submit SQL commands to query a database

Classification: Concept

30) To create a new SQL query, click the New Query button.

Answer: TRUE

Diff: 1 Page Ref: A-48

AACSB: Information Technology

Chapter Obj: Learn how to submit SQL commands to query a database

Classification: Concept

31) SQL query results are displayed in a tabbed Results window.

Answer: TRUE

Diff: 1 Page Ref: A-48

AACSB: Information Technology

Chapter Obj: Learn how to submit SQL commands to query a database

Classification: Concept

32) SQL statements can be run individually or as part of a related group of SQL statements known as a _____.

- A) Result
- B) Resultset
- C) Script
- D) Scriptset
- E) Commandset

Answer: C

Diff: 1 Page Ref: A-39

AACSB: Information Technology

Chapter Obj: Learn how to submit SQL commands to query a database

Classification: Concept

33) To run an SQL script or SQL command in SQL Server 2016 _____.

- A) click the Execute button on the SQL Editor Toolbar
- B) click the Execute button on the Browser Toolbar
- C) click the Run button on the Query Toolbar
- D) click the Run button on the Browser Toolbar
- E) click the Results button on the Query Toolbar

Answer: A

Diff: 2 Page Ref: A-48

AACSB: Information Technology

Chapter Obj: Learn how to submit SQL commands to query a database

Classification: Concept

34) SQL query results are displayed _____.

- A) in a tabbed Resultset window
- B) in a tabbed Results window
- C) in a tabbed Document window
- D) in a tabbed Messages window
- E) in a tabbed Finished window

Answer: B

Diff: 2 Page Ref: A-48

AACSB: Information Technology

Chapter Obj: Learn how to submit SQL commands to query a database

Classification: Concept

35) SQL statements can be run individually or as part of a related group of SQL statements known as a(n) _____.

Answer: script; SQL script

Diff: 1 Page Ref: A-39

AACSB: Information Technology

Chapter Obj: Learn how to submit SQL commands to query a database

Classification: Concept

36) To run an SQL script, click the _____ button on the SQL Editor Toolbar.

Answer: Execute

Diff: 1 Page Ref: A-48

AACSB: Information Technology

Chapter Obj: Learn how to submit SQL commands to query a database

Classification: Concept

37) Users can click the _____ button to enable or disable the SQL editor windows set of outlining and auto-completion features.

Answer: IntelliSense Enabled

Diff: 1 Page Ref: A-40 -A-42

AACSB: Information Technology

Chapter Obj: Learn how to submit SQL commands to query a database

Classification: Concept

38) To create a new SQL query, click the _____ button.

Answer: New Query

Diff: 1 Page Ref: A-40-A-42

AACSB: Information Technology

Chapter Obj: Learn how to submit SQL commands to query a database

Classification: Concept

39) SQL query results are displayed in a tabbed _____ window.

Answer: Results

Diff: 1 Page Ref: A-48

AACSB: Information Technology

Chapter Obj: Learn how to submit SQL commands to query a database

Classification: Concept

40) What is an SQL script, and why are SQL scripts useful?

Answer: An SQL Script is a group of SQL statements that are run consecutively. Each of the SQL statements in the script could be run separately, but running them as a group is more efficient, and this is what makes SQL scripts useful. A good example is grouping all the SQL CREATE TABLE statements necessary to build a database structure into a single SQL script.

Diff: 2 Page Ref: A-39

AACSB: Information Technology

Chapter Obj: Learn how to submit SQL commands to query a database

Classification: Concept

41) Describe how to create and run an SQL script in SQL Server 2016 Express.

Answer: SQL scripts are created in a text editor and saved with an *.sql file extension. While a text editor, such as Microsoft Notepad, can be used, the most efficient editor is the text editor built into the Microsoft SQL Server Management Studio. In the Microsoft SQL Server Management Studio, the SQL script text is edited and then saved as an *.sql file. The Parse button is used to test the script, and the Execute button is used to run the SQL script.

Diff: 2 Page Ref: A-39

AACSB: Information Technology

Chapter Obj: Learn how to submit SQL commands to query a database

Classification: Concept

42) Describe how to create and run an SQL query in SQL Server 2016 Express.

Answer: In SQL Server 2016, SQL queries are created and run in the SQL Server Management Studio. Click the New Query button on the Standard toolbar to open a new tabbed query window and display the SQL Editor toolbar. Type the SQL query into the tabbed document. Click the Execute button on the SQL Editor toolbar to run the query. Results are displayed in the tabbed Results window.

Diff: 2 Page Ref: A-48

AACSB: Information Technology

Chapter Obj: Learn how to submit SQL commands to query a database

Classification: Concept

43) Describe why SQL Server 2016 is sensitive to certain words being used in SQL commands or scripts, and what to do about it.

Answer: SQL Server 2016 has a set of SQL keywords that are reserved words. Thus, SQL statements using these words may cause conflicts. For example, the SQL statement "SELECT Select FROM From;" would be difficult for SQL Server 2016 to work with. The solution is to either use modified versions of the words (SelectColumn, FromTable), or to enclose the SQL keywords that are used as table or column names in square brackets ([Select], [From]).

Diff: 3 Page Ref: A-43

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Chapter Obj: Learn how to submit SQL commands to query a database

Classification: Concept