

Module 6 Activity 3.1: Altering Tables

Estimated Completion Time: 45 minutes

Overview

This exercise will require participants to alter the tables in SQL SERVER using the SQL language.

Instructions

The altering of the tables should be done in SSMS

1. In order to proceed with altering the tables, login using your user name created in Exercise 01 and then proceed to alter the tables.
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Hints

1. Ensure the following while altering the table:
 - Create a notepad file and save the file in C:\RDBMS\Day2\AlterTables.sql.
 - In the notepad file write the SQL syntax for creating the tables.
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Tables

Below are the changes to be made to the tables. Please refer to Tables.sql created in the previous exercise and accordingly alter the table.

1) Table Name: ZIPCODE_INFO

Field Name	Type	Length
ZIP_CODE	VARCHAR2	5
CITY	VARCHAR2	25
STATE	VARCHAR2	2

2) Table Name: INSTRUCTOR_INFO

Field Name	Type	Length
INSTRUCTOR_ID	NUMBER	8,0
INSTRUCTOR_FIRST_NAME	VARCHAR2	25
INSTRUCTOR_LAST_NAME	VARCHAR2	25
STREET_ADDRESS	VARCHAR2	50
ZIP_CODE	VARCHAR2	5

3) Table Name: COURSE_INFO

Field Name	Type	Length
COURSE_NO	NUMBER	8,0
COURSE_NAME	VARCHAR2	50
COURSE_PREREQUISITE	NUMBER	8,0
COST	NUMBER	9,2

4) Table Name: STUDENT_INFO

Field Name	Type	Length
STUDENT_ID	NUMBER	8,0
STUDENT_FIRST_NAME	VARCHAR2	25
STUDENT_LAST_NAME	VARCHAR2	25
STREET_ADDRESS	VARCHAR2	50
ZIP_CODE	VARCHAR2	5

5) Table Name: SECTION_INFO

Field Name	Type	Length
SECTION_ID	NUMBER	8,0
COURSE_NO	NUMBER	8,0
SECTION_NO	NUMBER	3,0
INSTRUCTOR_ID	NUMBER	8,0
LOCATION	VARCHAR2	50
CAPACITY	NUMBER	3,0

6) Table Name: ENROLLMENT_INFO

Syntactical

Field Name	Type	Length
STUDENT_ID	NUMBER	8,0
SECTION_ID	NUMBER	8,0
ENROLLMENT_DATE	DATE	

7) Table Name: GRADE_INFO

Field Name	Type	Length
STUDENT_ID	NUMBER	8,0
SECTION_ID	NUMBER	8,0
GRADE_TYPE_CODE	CHAR	2
GRADE_CODE_OCCURANCE	NUMBER	38,0
NUMERIC_GRADE	NUMBER	3,0