Complete the following tasks:

1. Download and install SQL Server 2008, Express Edition.
   * Refer to Appendix A of the textbook.
2. Open and run the attached script to create the Northwind database.
   * To download the script, click [here](https://mycampus.aiu-online.com/courses/ITCO331/Assignment_Assets/instnwnd.zip).
3. Create the following tables in the Northwind database:
   * Regions table

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Datatype | Primary Key (Y/N) | Nullable (Y/N) |
| RegionID | Integer | Y | N |
| RegionDescription | Character (50) | N | N |

* + Departments table

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Datatype | Primary Key (Y/N) | Nullable (Y/N) |
| DepartmentID | Integer | Y | N |
| DepartmentDescription | Character (50) | N | N |

1. Insert the following data into the 2 tables:
   * Regions table

|  |  |
| --- | --- |
| 1 | Eastern |
| 2 | Western |
| 3 | Northern |
| 4 | Southern |

* + Departments table

|  |  |
| --- | --- |
| 10 | CEO |
| 20 | Sales |
| 30 | Marketing |

1. Alter the Employees table, and add a column:
   * Employees table

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Datatype | Primary Key (Y/N) | Nullable (Y/N) |
| DepartmentID | Integer | N | Y |

1. Alter the Employee table to establish a foreign key between Employees and Departments.
   * Employees.DepartmentID references Departments.DepartmentID
2. Alter the Territories table to establish a foreign key between Territories and Regions.
   * Territories.RegionID references Regions.RegionID
3. Update the data in the Employees table so that employees with the following managers are listed as working in the following departments:

|  |  |
| --- | --- |
| ReportsTo | Department |
| Andrew Fuller | Sales |
| Steven Buchanan | Marketing |
| All Others | CEO |

Submit the SQL, DDL, and DML scripts needed to complete tasks 2–8 and a database diagram of the final database.