Tutorial: Connecting to the SQL Server 2012 Database Server

1. To start up SQL Server Management Studio click **Start > All Programs > Database > Microsoft SQL Server 2012 > SQL Server Management Studio**. You should see a screen similar to the one below:

2.
2. To connect to the server:

a) Select “Database Engine” for the Server Type.

b) Type “WTCIS-SQL12.cis.wtamu.edu\CIDM3350SP14” for the Server Name.

c) Select “SQL Server Authentication” for Authentication.

d) The login is your first initial and your last name together. So, if your name is John Doe then your login will be jdoe. Your password is Buffalo123. You will be prompted to change it at your first login.

The screen should look similar to the one below but with your login and password:
3. Once you are logged in you should see a screen similar to the one below:
4. Click on Databases and you should see all the available databases.
5. Look for the database with your name and click on the plus sign next to it:
6. Click on the plus sign next to “Tables” to view the all the tables you have, at this point you should have non as shown in the picture below:
Writing and Executing SQL Commands

1. To execute a query, right click on the schema that has your name on it and select “New Query:
2. You should see a white space in the middle of the screen as shown below:
3. You can now type SQL statements in the area provided in the middle. After putting in your SQL statements highlight it, right click on the highlighted part and click “Execute”

Examples:

Below are examples that show you how to Create a table, Alter a table, Insert Into a table, Delete from a table and Drop a table.

a. Create Table

```sql
create Table test_student
(
S_ID int NOT NULL, Fname varchar(250), Lname varchar(250), addresses varchar(250),
)
```
b. Add Primary Key

```sql
ALTER TABLE test_student
ADD PRIMARY KEY (S_ID)
```
c. Insert Data

```
INSERT INTO test_student(S_ID,Fname,Lname,addresses)
VALUES (1,'John','Doe','79015')
```
d. Select Data

Select * FROM test_student WHERE S_ID = 1
e. Delete Record

DELETE FROM test_student
WHERE S_ID = 1