Created database called Student\_Records and also created a table called Student\_Information. This table holds the student information like their student ID, first name, middle initial, last name, the program they are enrolled in, and their GPA.

You can see the Student\_Information table in the grid below.

Graphical user interface, text, application, email

Description automatically generated

I inserted 12 students' information in the Student\_Information table.

Graphical user interface, text, application

Description automatically generated

I selected all the student records from the table so that you can see every student's information in the grid below.

Graphical user interface, application

Description automatically generated

I updated Kelly's last name from Lane to Clark. She got married.

Graphical user interface, text, application

Description automatically generated

To show that Kelly's last name was updated successfully, I run another query, and on the table below, you see her last name is now Clark.

Graphical user interface, text, application

Description automatically generated

I updated Roger's (Last name) GPA from 2.1 to 3.0.

Graphical user interface, text, application

Description automatically generated

I also updated Roger's (last name) program from BA Education to a BS in Information Technology.

Graphical user interface, text, application

Description automatically generated

To see if Roger's (Last name) GPA and the program were updated successfully, I ran a query to see his information only with a SELECT statement.

Graphical user interface, text, application, email

Description automatically generated

Next, I ran a query of students in the Computer Science program.

Graphical user interface, text, application

Description automatically generated

Next, I ran a query to show all of the students who have a GPA of 4.0.

Graphical user interface, application

Description automatically generated

Next, I ordered the programs in ascending order.

Graphical user interface, application

Description automatically generated

Next, I ran a query to see the student's first name, whose GPA is 4.0, and whose program is MS Cyber Security. Again, I did this by using the AND condition.

Graphical user interface, text, application, email

Description automatically generated

Next, I asked the system to delete any students whose middle initial is a T or L. 3 students' information was deleted from the table. These students left the school.

Graphical user interface, text, application

Description automatically generated

I ran a select all query to show all current students in the table. As a result, the list went from 12 students to 9.

Graphical user interface, application

Description automatically generated