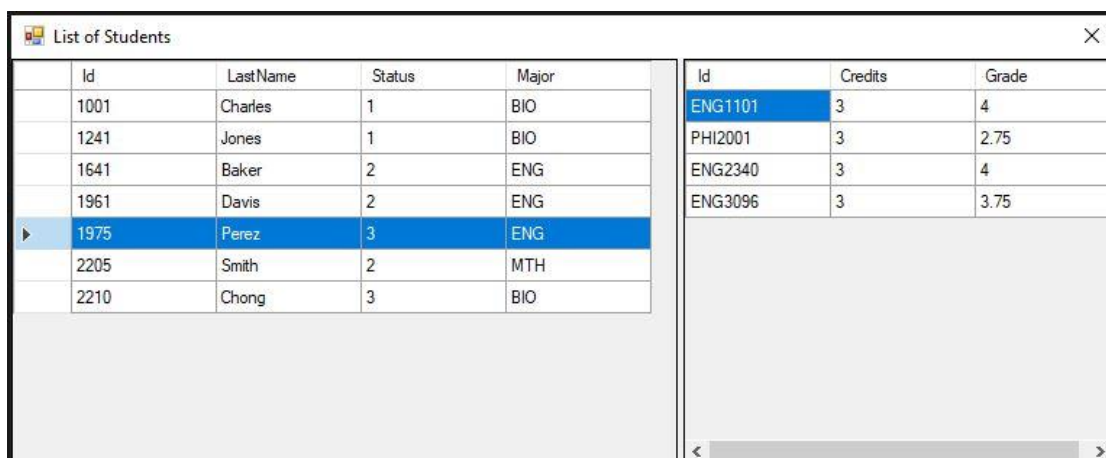**Students and Course Lists (LINQ)**

Use a LINQ query to fill a DataGridView with a list of students. When the user selects a student in the grid, display all courses taken by the student in a separate grid. Use another LINQ query to fill the second grid. Student is when the user clicks the button on the left side of his row. The grid on the right fills with the list of courses taken by the selected student.

The two DataGridView controls should be inserted into panels belonging to a SplitContainer control. The user can drag the divider between the two panels to adjust their size.

The SplitContainer's Dock property equals *Fill*, so the user can expand the form and create more space for the two grids. In the grid on the left, the RowHeadersVisible property should equal *True*, but in the grid on the right, the same property should equal *False*.

The Student class contains the following properties: Id (Integer), LastName (String), Status (Integer), Major (String), Courses (List(Of Course)). The Course class contains the following properties: Id (String), Credits (Integer), Grade (Double). All the student data must be read from a data file named *Students.txt*, supplied for you in the example programs folder for this chapter.

When the user selects a DataGridView row, a *SelectionChanged* event is fired. You can write code in the handler that gets the contents of the first column of the selected row.