## Exercise 01:

Databases which you need for this test02 are on e-centennial.

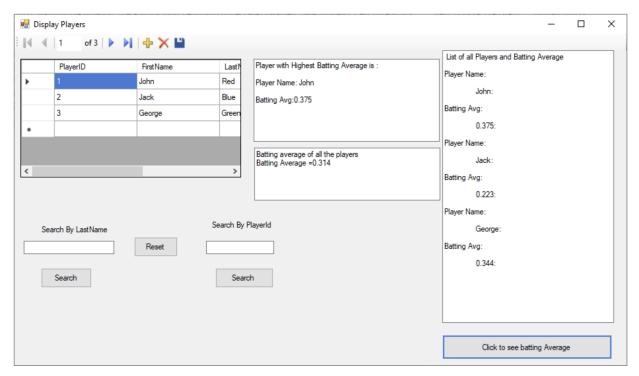
[20 marks]

Create a Windows Form App/WPF to manipulate the data within **Books** database and displays the results of the following queries: (Refer code examples)

- **a.** Get a count of all the authors grouped by title, sorted by title. It should display a title and number of authors who have written that title.
- **b.** Get a list of all the titles grouped by author name, sorted by author; for a given author name sort the titles alphabetically.

Exercise 02: Build Win Form/WPF to execute a query against the Players table of the Baseball database (get it from Databases folder from e-centennial).

[30 marks]



- a) Display the result in a DataGrid
- b) Add a TextBox and Button to allow the user to search for a specific player by last name.
- c) Search a record by the Player ID. (add corresponding label and textbox to the existing GUI)
- d) Display the batting average of all the players. Add appropriate control e.g. a button to the GUI
- e) Display a name of player who has got the highest batting score.
- f) Also, provide a Button that enables the user to return to browsing the complete set of players.