|  |  |  |  |
| --- | --- | --- | --- |
| Name | Nationality | Team Name | Organization |
| Michael Schumacher | German | Mercedes | Formula One |
| Colin McRae | Scotland | Skoda | World Rally Championship |
| Ron Capps | United States | Ron Capps Motorsport | NHRA |
| Kyle Busch | United States | Joe Gibbs Racing | NASCAR |
| Guido Cappellini | Italy | DAC Racing | UIM |
| Andy Priaulx | England | Chip Ganassi Racing | WTCC |

Write a GUI program where a user can do a search for drivers in the table above.

Create methods where you can do a search by:

* Driver’s name
* Nationality
* Team Name
* Racing Organization

and print out the driver’s name and other properties in the required fields.

Create the following Methods

* SearchDriver()
* SearchNationality()
* SearchTeam()
* SearchOrganization()

An error message must appear if the requested driver information is not found. Also show an error message if you try to do a search and all text boxes are empty.

**Grading**

* Controls are laid out as displayed on mock-up diagram – **5 pts**
* Control names follow naming conventions – **5 pts**
* Variable names follow naming conventions – **5 pts**
* Method names follow naming conventions – **5 pts**
* Program stores book information in parallel arrays – **5 pts**
* User can search for a book by driver name – **10 pts**
* User can search for a book by nationality – **10 pts**
* User can search for a book by organization – **10 pts**
* Successful searches display all information about the found book – **5 pts**
* Failed searches display all expected error messages – **5 pts**
* Author name search is case insensitive and allows partial matches – **5 pts**
* Keyword search is case insensitive and allows partial matches – **5 pts**
* Keyword search looks at both the name and description of the book – **4 pts**
* **SearchDriver()** method implemented as described – **4 pts**
* **SearchNationality()** method implemented as described – **4 pts**
* **SearchTeam()** method implemented as described – **4 pts**
* **SearchOrganization()** method implemented as described – **4 pts**
* Return values from each custom method are used in the calling method - **5pts**