**Brief description of program**

Use JavaScript and HTML to provide an interface and input validation for a user, requiring input of First Name, Surname, Email Address, and providing drop-down menus to allow input of Date of Birth and Favourite Sport.

**Design description**

I have a simple form asking for user first name, surname and email with auto-validated inputs. This mean that all three fields are marked as ‘required’, preventing a user leaving them blank. The email field is of type ‘email’, so HTML automatically requires the user to enter ‘something@somethingelse’.

The remaining inputs are validated by virtue of all being drop-down menus, therefore I can control all the available inputs, and the user can only choose from valid data.

All of the drop-down menus are populated using JavaScript. The Month and Sport drop-downs are populated from an array, the year drop-down is populated using a min and max year, and the day is populated depending on the month.

I have chosen to use JavaScript and <select><option> tags to create date input, as I have read that the input type ‘date’ does not work with Firefox and earlier versions of Internet Explorer; it was also an interesting challenge to attempt.

The JavaScript is included from an external file; this is done so at the bottom of the body to improve the load time of the page’s visuals.

I have also constructed a small amount of css to improve the look of the page; this is included from an external file.

**Source code**

index.html

**Sample test results**