Programmer Test **[Duration: 2 Hour]**

**Question 1 (SQL)**

* 1. Create a database and name it “**EmployerDB**” + YourName
  2. In **EmployerDB**, create two tables named **“EmployerClasses”** and “**EmployerSubClasses”** and populate these tables with data from the two spreadsheets found in “Desktop\Programming Test\”.

**Question 2**

1. Using the database, you previously created in 1.1.
2. Create a new form in web form (asp.net and html) named **“Employer Classes”**. The form should have two drop down menus labelled “**Class”** and “**Sub Class”**.

* The first drop down must allow the user to select an employer class.
* The second drop down must display only the subclasses that fall under the selected employer class.
* The data to populate the Class and Sub Class menus will be found in the tables you created in 1.2.
* Only display the EmployerClassName in the Class drop down menu and the EmployerSubclassShortDescription in the Sub Classes drop down menu.

**Question 3**

1. Design a web application (asp.net and ms sql) to capture the following details for a student

* First name
* Surname
* Gender
* Date of Birth
* Address
* Subjects Enrolled

1. The data should be stored in a ms sql database and displayed in a grid which allows the user to either edit or delete existing records

Should you require clarity, please feel free to ask.