

Programmer Test

[Duration: 2 Hour]

Question 1 (SQL)

- 1.1. Create a database and name it “**EmployerDB**” + YourName
- 1.2. 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

- 2.1 Using the database, you previously created in 1.1.
- 2.2 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
2. 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.