# SQL – Assignment 2\_Opt1

For the following requests, print out respectively the screenshots to show test data (the table data that you create to test each query), the query results, and pack them into the zip file Assignment2\_AccountName.zip along with your answers, then handle to the evaluator via email ([XYZ@fsoft.com.vn](mailto:XYZ@fsoft.com.vn))

In the design for the Fresher Training Management, given the Trainee table with below initial attributes fields:

* TraineeID: trainee identifier, auto increment field
* Full\_Name: full name of the trainee
* Birth\_Date: trainee birth date
* Gender: only have one of two value male, female
* ET\_IQ: entry test point (IQ) of trainee, integer, value range from 0 to 20
* ET\_Gmath: entry test point (GMath) of trainee, integer, value range from 0 to 20
* ET\_English: entry test point (English) of trainee, integer, value range from 0 to 50
* Training\_Class: the class code that trainee is joining
* Evaluation\_Notes: trainee evaluation notes, free text.

**Q1**: Create the tables (with the most appropriate/economic field/column constraints & types) and add at least 10 records into each created table.

**Q2**: Change the table TRAINEE to add one more field named Fsoft\_Account which is a not-null & unique field.

**Q3**: Create a VIEW which includes all the ET-passed trainees. One trainee is considered as ET-passed when he/she has the entry test points satisfied below criteria:

* ET\_IQ + ET\_Gmath >=20
* ET\_IQ>=8
* ET\_Gmath>=8
* ET\_English>=18

**Q4**: Query all the trainees who is passed the entry test, group them into different birth months.

**Q5**: Query the trainee who has the longest name, showing his/her age along with his/her basic information (as defined in the table)

Barem chấm điểm:

* Q1: 40% (4)
* Q2: 10%(1)
* Q3: 15%(1.5)
* Q4: 15%(1.5)
* Q5: 20%(2)