**A. Description of the problem:**

To manage student scores at the international programmer center. The team leader analyzed and built the following entities:

1. Entity: **Student (IDStud, Fullname, Gender, Birthday, IDSci)**

2. Entity: **Science (IDSci, ScienceName)**

3. Entity: **Subjects (IDSub, SubjectName, NumberLesson)**

4. Entity: **Marks (IDStud, IDSub, NumberExam, Marks)**

**B. Requirements:**

1. Based on the analyzed entities, build a database on SQL Server 2012 tool with name is: **Students\_ <Hovatenhocvien>.**

***Example:*** If the student's name is: **Nguyen Van A**,

Create the database name as: **Students\_NguyenVanA**

2. Create tables and create relationships between tables on SQL Server.

3. Enter sample data into 4 tables, at least 5 records on SQL Server.

4. Create your own data connection class on java

5. SQL query displays all Student information on the screen on java

6. Edit any student's information by student ID number on java

7. Delete any student by student ID number on java

**8. Create a procedure to display all students in SQL and write a statement to display the list of students in java**

**9. Create a procedure update student list by student number in SQL and write update command in java**

**10. Create a procedure to search for students by IDStud and Fullname in SQL and write a command to search for students by IDStud and Fullname in java.**

**(All after implementation must display the data to see the results)**