**LAB 5**

**Paper No: 1847**

1. Create a folder named **RollNo\_Name\_DBI202\_PaperNo ,**

e.g. **SE01245\_LongNT\_DBI202\_1847**

1. For each question, you are required to write a database script. Create a file with the name corresponding to the index of the question. For example, **for Question 1**, we will create a file named **Q1.sql** and create a file **Q2.sql for Question 2**. So, if you do 10 questions, your folder must contain **only** 10 files Q1.sql, Q2.sql, Q3.sql, Q4.sql, Q5.sql, Q6.sql, Q7.sql, Q8.sql, Q9.sql and Q10.sql.
2. Open File **DBI\_LAB5\_HE182023.SQL** and Execute
3. Do not look up on the internet or social networks.

**Question 1**: Create tables Hobbies(ho\_id int(PK), ho\_name varchar(80)) and Hobbies\_Students(hs\_ho\_id int, hs\_st\_id varchar(70)).

**Question 2**: Add field Student(hometown varchar(270)) and modify field Student(studentAddresss varchar(270)).

**Question 3**:

- Add a record into table Class and two related records into table Student.

- With each added records in table Student, add at least two records into table Hobbies\_Students.

**Question 4:** Create a trigger to validate the data inserted into table Student have to satisfied the age not smaller than 15. If the data is invalid, let’s rollback it.

**Question 5:** Create a stored procedure with parameter to be schoGranted (from table Scholarship) and return the list of students who win scholarship higher than schoGranted.

**Question 6:** List all male students who are elder than 20.

**Question 7:** List all students and their class name.

**Question 8:** List all students who win highest scholarship.

**Question 9:** List the total budget to grant for each types of scholarships.

**Question 10:** List all students who have the highest average score or win the highest scholarship.