Hướng dẫn bài tập assignment 4 – SQL2012

1. Create a database named **StudentDB** using Transact-SQL statements with the following properties:
   a. **Primary** filegroup with data file, **Student_dat**.
      The size, maximum size, and file growth should be 5, unlimited, and 10% respectively.
   b. Log file named **Student_log**
      The size, maximum size, and file growth should be 2, 15 and 1 respectively.

2. Create a table named "tbStudents" with the following specifications:
   a. Roll_no ,int – identity (1.1), is primary key;
   b. Fullname, varchar 40, should not allow NULL value
   c. Grade, varchar 1, just accept values A or B or C, not null
   d. Sex, varchar 6, has default value as Female
   e. Address, varchar 60
   f. DOB should be datetime values

   Insert the following values into table tbStudents

Roll_no	Fullname	Grade	Sex	Address	DOB
1	Rita	B	Female	New York	12/04/1985
2	Beck	A	Male	California	23/12/1986
3	Wilson	B	Male	New Jersey	09/07/1988
4	Leonard	C	Male	Ohio	17/12/1987
5	Julia	A	Female	Chicago	31/01/1986
6	Ringo	A	Male	Atlanta	18/12/1985
7	Annie	C	Female	Washington	15/04/1988
8	Sandra	C	Female	California	12/09/1986
9	Tom	A	Male	Ohio	01/08/1987
10	Susie	B	Female	California	03/12/1988
11	Bob	B	Male	Washington	04/12/1987
12	Rosy	C	Female	New York	05/03/1985

3. Create a table named "tbBatch" with the following collumns:
   a. Batch_no, varchar 10, is primary key;
   b. Course_name, varchar 40, should not allow NULL value
   c. Start_date should be datetime values

   Insert the following values into table tbBatch

Batch_no	Course_name	Start_date
F2_1401	ACCP 2011	02/01/2014
F2_1402	ACCP 2011	01/02/2014
F2_1403	ACCP 2013 new	05/03/2014
F3_1402	ACCP 2011	02/02/2014
F3_1404	ACCP 2013 new	03/04/2014

4. Create a table named "tbRegister" with the following specification:
   a. Define columns:
      - Batch_no, varchar 10, is foreign key
      - Roll_no, int, foreign key
      - Comment, varchar(100)
      - Register_date should be datetime values, default is current date (using getdate() function)
   b. Set primary key on the two columns, Batch_no and Roll_no.
   c. Insert the some valid tuples (at least 5) into table tbRegister