SSIS Lab

**Note: Attach ITI to your DB Server and then Create New DB “Test”**

Design the Following SSIS Packages:

1. Use wizard to Design SSIS Package to transfer Department data From [ITI DB] to [Test Db].
2. Use wizard to Design SSIS Package to transfer Student data (St\_id, St\_Fname, St\_lname, St\_address) From [ITI DB] to new Delimited file “Student.txt” and set columns name as a first row in the file.
3. Design SSIS Package to transfer Student data from [ITI DB] to [Test DB] with the following Criteria:
4. ~~If table Student Exists in [Test DB] delete all data. Use[Execute SQL Task Component]~~
5. Merge the first name and last name to be one field [Full name].use[Derived Column Component]
6. Make a ful backup for [Test DB]
7. On error display message box “error occurred”
8. Design SSIS Package to Split Course data from [ITI DB] into 3 files with the following criteria:
9. Select Course data with topic name From ITI DB
10. Sort Course data by Crs\_name Descending. use [Sort Component]
11. Crs\_name should appear in lower case. Use [Character Map Component]
12. Split Course data into 3 files:
    1. File1.txt contains Course data with Course Duration<30 hours.
    2. File2.txt contains Course data with Course Duration=30 hours.
    3. File3.txt contains Course data with Course Duration>30 rs.

Note: set columns name as first row in the files

1. try to merge the file1.txt and file2.txt to be one file:
2. Use [Merge Component]. “Sort by Crs\_name”
3. Use [Union Component]