

Information Processing Techniques

Lab # 3

- Solution should be uploaded on google classroom by 11:59 PM
- Submitted code should contain all of the project/solution files and should be compile-able.
- All queries should be saved in one .sql file

Question No 1: Using C# Reflection, display all the method names in a console application that are available in the EntityFramework.dll (File has been uploaded on google classroom Lab3\EntityFramework.dll)

Question No 2: Using the database backup “Week 13\TestDatabase.bak”, Create a table “StudentAudit” using same schema as Student Table.

- a. Create one clustered index and one non-clustered index using the following queries:

```
CREATE CLUSTERED INDEX <index_name>  
ON <table_name>(<column_name> ASC/DESC)
```

```
CREATE NONCLUSTERED INDEX <index_name>  
ON <table_name>(<column_name> ASC/DESC)
```

- b. Create following triggers:

- 1- When a student record is inserted into student table, add record to StudentAudit
- 2- When a student record is updated, update record in StudentAudit as well.