**Phase 1 Project 1**

**The project performs read, write, update and delete on a text file about information on teachers.**

**Step-1: Create a project with type console application**

**Step-2: Create a model class Teachers and declare following properties**

TeachId int

TeachName string

Teacher Section string

**Step-3: Create a class TeachRecord with following functions**

1. addteach(Teacher teach) – Writes in a file Teacher Records using teacher object as an argument about Teacher Id, Teacher Name and Teacher Section.
2. delteach(int teacherid) – Read Teacher Records file, stores all lines of files and matches the teacher id to be deleted with argument. Once the id is found delete that record. After deleting rewrite rest of the records.
3. DisplayRecords() – Reads and prints all the text on the console window.

**Step-4: Call these functions under main program**

Using switch case for each of the operation.

Case 1 - Asking user for details and implementing add operation to add teachers

Case 2 - Implementing update is just delete and add operation and both are called.

Case 3 - Delete operation to delete records with respective teacher id.

Case 4 - Display records to print all records in a text file

**GitHub Link -**