Assignment No. 5 SunBeam Infotech

## Deadline – Friday, October 9, 2020

## Open class library "MyLoggerLib" project (Assignment No.3) and provide following functionalities

1. Create ILogger.cs file in MyLoggerLib project, write public interface ILogger with following members:

Method:

void Log(string message)

git commit -m "assignment 5.1 completed"

- 2. Open MyLogger.cs file and do following changes in MyLogger class:
  - a. Delete method Log method which was already written
  - b. MyLogger class implements ILogger interface i.e. method Log (string message) to log messages in text file (csv format) refer figure 1 and this method should meet following requirements:
    - i. For everyday new log file should be created e.g. Log09102020.csv, Log10102020.csv Hint: string filename = "Log" + DateTime.Now.ToString("ddMMyyyy") + ".csv";
    - ii. Store log details into separate text file in append mode. Also print log details on console.

Figure 1

## git commit -m "assignment 5.2 completed"

- 3. Open Day 4 => lecture demo (database) project
  - a. Take reference of MyLoggerLib.dll in this project & test Log method

## git commit -m "assignment 5.3 completed"

4. Abstract class vs. Interface - Write answer in text file and upload on git

git commit -m "assignment 5.4 completed"