**Lab 07**
1. REPL (Read Evaluate Print Loop) program.
2. Stack data structure.

**Objectives**
1. Understand stack data structure.
2. Understand basic stack operations such as push, pop.
3. Understand how to create a class to implement stack data structure.

**Instructions**
1. Create class Lab07Application.cs in namespace Aut.Lab.Lab07 by file name as a constructor parameter. Example Lab07Application()

2. To run program, use the command **dotnet run lab07. (no parameter is required)**

3. Create a class called "Stack" which the following methods.
   - Void Push(string data)
   - string Pop()
   - void Clear()
   - void DisplayQue()

4. In Lab07Application.cs, create method Run() to keep getting input from user.
   > **Please enter command : command <hit enter>**
   > *Commands can be :*
   >> ***Count - To display the size of Queue***
   >> ***Push xxxx - where xxx is the value add to queue***
   >> ***Pop - To move item from queue and display the value to screen***
   >> ***Clear - To clear queue***
   >> ***Quit - To exit from program***

**Questions**
1. What are the basic operations of stack?

2. What are the difference between queue and stack?

3. Show some examples of stackin your working day..