

Lab 03

1. REPL (Read Evaluate Print Loop) program.
2. ArrayList.

Objectives

1. Understand how to use loop to create REPL program.
2. Use ArrayList to keep information.

Instructions

1. Create class ReplApplication.cs in namespace Aut.Lab.Lab03 by using comma separated string as a constructor parameter. Example ReplApplication(string data)
2. To run program, use the command **dotnet run lab03 "12,ab,cda,343,123"**.
3. In ReplApplication.cs, create method Run() to keep getting input from user.

Please enter command : `command <hit enter>`

Commands can be :

Add 123 - To add 123 to ArrayList

Show - To display elements in the ArrayList

Count - To display the size of ArrayList

Quit - To exit from program

Questions

1. What is local ArrayList?
2. What is REPL?
3. What is the purpose of casting?
4. What is the function to read keyboard input from user?
5. What are the differences between traditional Array and ArrayList?